



STIC Search Report

EIC 3600

STIC Database Tracking Number: 143174

TO: Examiner Robert Morgan
Location: PK5 7D03
Art Unit: 3626
Monday, January 31, 2005
Case Serial Number: 09/349049

From: Ginger Roberts DeMille
Location: EIC 3600
PK5-Suite 804
Phone: 305-5774

Ginger.roberts@uspto.gov

Search Notes

Dear Examiner Morgan:

Please find attached the results of your search for 09/349049.

The search was conducted using the mandatory database lists for Business Methods.

These other sources were also used: Internet

If you have any questions, please do not hesitate to contact me.

Thanks for using EIC3600!

Ginger



Business Methods

Search mandatory files for 705
cases and cases cross-referenced
in 705 / 5, 13, 412

SEARCH REQUEST FORM
Scientific and Technical Information Center

(61)

Access DB#

Request date:
Tuesday, Jan 25
Today's date:
Tuesday, Jan 25

143361

EXAMINER **Name** **ID** **Art Unit** **Email** **Telephone #**
Robert W. Morgan 70573 3626 robert.morgan@uspto.gov (703) 605-4441

APPLICATION **Serial No** **Applicant(s)** **Filing Date**
09/349,049 MURAKAMI ET AL. 70573
7503 1999-07-07

Title of the Invention:
VEHICLE SHARING SYSTEM AND METHOD WITH VEHICLE ALLOCATION BASED ON
TRAVEL INFORMATION

Please perform a **complete prior art search limited by** the earliest priority date of **07/07/1999**.

Please **email** search results on/in **email format** to/for **examiner shown above**.

Results are **requested for** the date **Tuesday, Jan 25**. (SPE Signature required on RUSH orders).

Please also search by:

☐ **INVENTOR(s):**

☐ **ASSIGNEE:**

☒ Attached is a copy of the **cover, abstract and selected claims** relevant to the search focus described below.

Please search for the following:

A vehicle sharing system that allocates a vehicle after the user requests which is based on an estimated distance and time duration of an intended trip indicated in said request

Keywords: vehicle rental, electrical vehicle, allocating based on the request by a user

STAFF USE ONLY	Type of search	Vendors and cost where applicable
Searcher	NA Sequence (#)	STN
Searcher Phone #:	AA Sequence (#)	Dialog
Searcher Location	Structure (#)	Questel/Orbit
Date Searcher Picked Up	Bibliographic	Dr.Link
Date Completed	Litigation	Lexis/Nexis
Prep & Review Time	Fulltext	Sequence Systems
Clerical Prep Time	Patent Family	WWW/Internet
Online Time	Other	Other (specify)

? t 00749636/7

00749636/7

DIALOG(R)File 63:Transport Res(TRIS)

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00749636 DA

**TITLE: CAR-SHARING IN SWITZERLAND - 21ST CENTURY MOBILITY TAKES SHAPE
NETWORKING PRIVATE AND PUBLIC TRANSPORT SUCCESSFULLY SINCE 1987**

AUTHOR(S): STRICKLER, B

**CORPORATE SOURCE: CADDET ENERGY EFFICIENCY, PO BOX 17, 6130 AA SITTARD, THE
NETHERLANDS**

JOURNAL: CADDET ENERGY EFFICIENCY NEWSLETTER Issue Number: 3 Pag: 25-7

PUBLICATION DATE: 19970900 PUBLICATION YEAR: 1997

LANGUAGE: ENGLISH SUBFILE: IRRD (I)

IRRD DOCUMENT NUMBER: 897891

ISSN: 0921-9811

DATA SOURCE: Transport Research Laboratory (TRL)

ABSTRACT: In Switzerland, the new concept of 'sharing' instead of 'owning' mobility is rapidly progressing. Using this principle, two democratic Swiss share cooperatives, ShareCom and ATG, both founded in 1987, have been managing a fleet of cars and boats for ten years. They promote the shared ownership of consumer equipment, to improve the environment in partnership with public transport operators. They are now the world's largest organisations for sharing cars and boats, but there are others in The Netherlands, Germany, and the USA. Over 11,000 members share 600 cars and 25 sailing boats, located in 300 communities and towns. The costs of sharing a car are economically attractive, indeed astonishingly low, and depend on the distance driven and time taken. With modern reservation systems, members can conveniently reserve a car or boat of their choice by telephone at any time of day on any day. A survey shows that, on average, a cooperative member drives less than 1000km per year, which is about a quarter of the average distance covered by a family-owned car. In addition, there are large savings of energy, raw material and land, because a much lower number of cars is needed. On average, 18 members share each car, whereas one in four people own a car.

Ginger Roberts DeMille

? show files;ds

File 15:ABI/Inform(R) 1971-2005/Jan 31
 (c) 2005 ProQuest Info&Learning
 File 16:Gale Group PROMT(R) 1990-2005/Jan 31
 (c) 2005 The Gale Group
 File 148:Gale Group Trade & Industry DB 1976-2005/Jan 28
 (c)2005 The Gale Group
 File 160:Gale Group PROMT(R) 1972-1989
 (c) 1999 The Gale Group
 File 275:Gale Group Computer DB(TM) 1983-2005/Jan 31
 (c) 2005 The Gale Group
 File 621:Gale Group New Prod.Annou.(R) 1985-2005/Jan 31
 (c) 2005 The Gale Group
 File 9:Business & Industry(R) Jul/1994-2005/Jan 28
 (c) 2005 The Gale Group
 File 20:Dialog Global Reporter 1997-2005/Jan 31
 (c) 2005 The Dialog Corp.
 File 476:Financial Times Fulltext 1982-2005/Jan 31
 (c) 2005 Financial Times Ltd
 File 610:Business Wire 1999-2005/Jan 31
 (c) 2005 Business Wire.
 File 613:PR Newswire 1999-2005/Jan 31
 (c) 2005 PR Newswire Association Inc
 File 634:San Jose Mercury Jun 1985-2005/Jan 29
 (c) 2005 San Jose Mercury News
 File 636:Gale Group Newsletter DB(TM) 1987-2005/Jan 31
 (c) 2005 The Gale Group
 File 810:Business Wire 1986-1999/Feb 28
 (c) 1999 Business Wire
 File 813:PR Newswire 1987-1999/Apr 30
 (c) 1999 PR Newswire Association Inc
 File 13:BAMP 2005/Jan W4
 (c) 2005 The Gale Group
 File 75:TGG Management Contents(R) 86-2005/Jan W4
 (c) 2005 The Gale Group
 File 95:TEME-Technology & Management 1989-2004/Jun W1
 (c) 2004 FIZ TECHNIK
 File 63:Transport Res(TRIS) 1970-2005/
 (c) fmt only 2005 Dialog Corp.

Set	Items	Description
S1	5	RESERV?(3N)(VEHICLE? ? OR CAR OR CARS OR CARRIER? ?)(8N)(BASED()ON OR DEPEND?)(3N)(DISTANCE OR MILES OR MILEAGE OR LENGTH(1W)TRIP)(5N)(TIME OR DURATION OR HOW()LONG)
S2	5	RD (unique items)
?		

? t2/3,k/all

2/3,K/1 (Item 1 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2005 The Gale Group. All rts. reserv.

11250629 Supplier Number: 117668032 (USE FORMAT 7 FOR FULLTEXT)
Ground cos. optimistic, but wary of fuel costs.(Chauffeured Transportation Companies)
Carpenter, Jason
Business Travel News, v21, n9, p41(5)
May 24, 2004
Language: English Record Type: Fulltext
Document Type: Newspaper; Trade
Word Count: 6404

... provides the company with a competitive advantage. Rides are calculated using a national mapping database **based on mileage** in real **time** while tire customer is booking the **reservation** .

Empire currently is testing Wi-Fi technology in some **cars** , but Seelinger said the service is not getting overwhelming support from customers. He said in...

2/3,K/2 (Item 1 from file: 476)
DIALOG(R)File 476:Financial Times Fulltext
(c) 2005 Financial Times Ltd. All rts. reserv.

0003519283 B06CTA7ABUFT
'Lifetime' Warranty For Volvo
KENNETH GOODING, Motor Industry Correspondent
Financial Times, Section B. ED, P 10
Wednesday, March 19, 1986
DOCUMENT TYPE: NEWSPAPER LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
Word Count: 391

Mr Peter Turnbull, Concessionaires joint chairman, said yesterday: 'If something goes wrong with a **car** at any **time** we will put it right. There will be no artificial **time** -limit or **mileage** restrictions.'

He said, however, that much would **depend** on the way the customer had treated the **car** . 'Obviously we **reserve** the right to judge our particular level of responsibility having regard to a car's...

2/3,K/3 (Item 1 from file: 634)
DIALOG(R)File 634:San Jose Mercury
(c) 2005 San Jose Mercury News. All rts. reserv.

11704044
CAR SHARING JUST MIGHT LIGHTEN UP THOSE HAZY, TRAFIC-CLOGGED DAYS
San Jose Mercury News (SJ) - Tuesday, July 23, 2002
Edition: Morning Final Section: Editorial Page: 6B
Word Count: 404

... that enables them to unlock and start the engine only if they've reserved the **car** . **Cars** are available 24 hours, seven days a week, and may be **reserved** by phone. Drivers are billed by **time** used and **miles** driven.

Car -sharing has potential to reduce **dependence** on the automobile, and if it spreads, to reduce traffic and improve circulation. It provides ...

2/3,K/4 (Item 2 from file: 634)

DIALOG(R) File 634:San Jose Mercury

(c) 2005 San Jose Mercury News. All rts. reserv.

10818065

NET WILL CONNECT YOU TO A CAR PROGRAM TO OFFER ELECTRONIC ACCESS FOR OCCASIONAL DRIVERS IN S.F.

San Jose Mercury News (SJ) - Monday, November 13, 2000

By: PUTSATA REANG, Mercury News

Edition: San Francisco Section: Local Page: 1B

Word Count: 884

...a quarter that registers data such as odometer readings -- to unlock the door. The actual **car** key will already be inside.

Based on information from the fob, members will be automatically billed for **time** and **mileage**.

In other cities, **car** -sharing members generally make **reservations** over the phone, wait in line to get a **car**, and are responsible for logging their own odometer readings and other information.

Without the technology...

2/3,K/5 (Item 1 from file: 63)

DIALOG(R) File 63:Transport Res(TRIS)

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00749636 DA

TITLE: CAR-SHARING IN SWITZERLAND - 21ST CENTURY MOBILITY TAKES SHAPE NETWORKING PRIVATE AND PUBLIC TRANSPORT SUCCESSFULLY SINCE 1987

AUTHOR(S): STRICKLER, B

CORPORATE SOURCE: CADDET ENERGY EFFICIENCY, PO BOX 17, 6130 AA SITTARD, THE NETHERLANDS

JOURNAL: CADDET ENERGY EFFICIENCY NEWSLETTER Issue Number: 3 Pag: 25-7

PUBLICATION DATE: 19970900 PUBLICATION YEAR: 1997

LANGUAGE: ENGLISH SUBFILE: IRRD (I)

IRRD DOCUMENT NUMBER: 897891

ISSN: 0921-9811

DATA SOURCE: Transport Research Laboratory (TRL)

...ABSTRACT: are others in The Netherlands, Germany, and the USA. Over 11,000 members share 600 **cars** and 25 sailing boats, located in 300 communities and towns. The costs of sharing a **car** are economically attractive, indeed astonishingly low, and **depend** on the **distance** driven and **time** taken. With modern **reservation** systems, members can conveniently **reserve** a **car** or boat of their choice by telephone at any **time** of day on any day. A survey shows that, on average, a cooperative member drives...

?

? show files;ds

File 2:INSPEC 1969-2005/Jan W4
 (c) 2005 Institution of Electrical Engineers
 File 35:Dissertation Abs Online 1861-2005/Jan
 (c) 2005 ProQuest Info&Learning
 File 65:Inside Conferences 1993-2005/Jan W5
 (c) 2005 BLDSC all rts. reserv.
 File 99:Wilson Appl. Sci & Tech Abs 1983-2004/Nov
 (c) 2004 The HW Wilson Co.
 File 256:TecInfoSource 82-2004/Dec
 (c) 2004 Info.Sources Inc
 File 474:New York Times Abs 1969-2005/Jan 29
 (c) 2005 The New York Times
 File 475:Wall Street Journal Abs 1973-2005/Jan 28
 (c) 2005 The New York Times
 File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13
 (c) 2002 The Gale Group
 File 350:Derwent WPIX 1963-2005/UD,UM &UP=200507
 (c) 2005 Thomson Derwent
 File 344:Chinese Patents Abs Aug 1985-2004/May
 (c) 2004 European Patent Office
 File 347:JAPIO Nov 1976-2004/Aug(Updated 041203)
 (c) 2004 JPO & JAPIO
 File 371:French Patents 1961-2002/BOPI 200209
 (c) 2002 INPI. All rts. reserv.

Set Items Description
 S1 11 (ASSIGN? OR ALLOCAT? OR RENT OR RENTING OR LEASE OR LEASING
 OR GIVING) (3N) (VEHICLE? OR CAR OR CARS) (8N) (BASED() ON OR DEP-
 END?) (3N) (DISTANCE OR MILES) (5N) (TIME OR DURATION)
 S2 11 RD (unique items)
 S3 2 RESERV?(3N) (VEHICLE? ? OR CAR OR CARS OR CARRIER? ?) (8N) (B-
 ASED() ON OR DEPEND?) (3N) (DISTANCE OR MILES OR MILEAGE OR LENG-
 TH(1W) TRIP) (5N) (TIME OR DURATION OR HOW() LONG)
 ? t3/3,k/all

3/3,K/1 (Item 1 from file: 350)

DIALOG(R) File 350:Derwent WPIX
 (c) 2005 Thomson Derwent. All rts. reserv.

016535818 **Image available**

WPI Acc No: 2004-694538/200468

XRPX Acc No: N04-550595

Reservation management system for vehicle reservation, displays vehicle allocation time information to user, by referring stored reservation status data based on duration estimated using actual location input by user

Patent Assignee: KUBOTA S (KUBO-I)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2004272833	A	20040930	JP 200366222	A	20030312	200468 B

Priority Applications (No Type Date): JP 200366222 A 20030312

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 2004272833	A	12	G06F-017/60	

Abstract (Basic):

... An estimation unit estimates distance and duration based on actual location input by user. A management unit (28) displays

vehicle allocation **time** information to user, by referring
reservation status data stored in a traders database (34) **based** on
estimated **duration** . A processing unit (30) provides request for
allocation of **vehicle** selected by user from displayed data, to update
vehicle allocation **time** .

3/3,K/2 (Item 2 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2005 Thomson Derwent. All rts. reserv.

011152143 **Image available**

WPI Acc No: 1997-130067/199712

XRPX Acc No: N97-107528

Mileage integrating meter for vehicle of two wheeled, four wheeled type -
includes reset unit which resets display meter when engine rotation
exceeds predetermined number and when reserve fuel goes below predefined
lower limit

Patent Assignee: SUZUKI KK (SUZM)

Number of Countries: 001 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 9014068	A	19970114	JP 95161695	A	19950628	199712 B
JP 3246277	B2	20020115	JP 95161695	A	19950628	200206

Priority Applications (No Type Date): JP 95161695 A 19950628

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
-----------	------	-----	----	----------	--------------

JP 9014068	A		8	F02M-037/00	
------------	---	--	---	-------------	--

JP 3246277	B2		8	F02M-037/00	Previous Publ. patent JP 9014068
------------	----	--	---	-------------	----------------------------------

...Abstract (Basic): The meter is used to multiply **mileage** of the
vehicle . A **reserve** fuel detector (15) is used to sends the remaining
amount of fuel within a fuel tank (14). **Based** on output of the
reserve fuel detector, a display meter (12) is used to indicated the
mileage of **vehicle** from the **time** fuel comes to the first reserve
position...

?

? t2/3,k/all

2/3,K/1 (Item 1 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2005 Institution of Electrical Engineers. All rts. reserv.

8163766 INSPEC Abstract Number: C2004-12-1290H-031

Title: Testing and classifying vehicle dispatching rules in three real-world settings

Author(s): Dekoster, R.B.M.; Le-Anh, T.; Van Der Meer, J.R.

Author Affiliation: Rotterdam Sch. of Manage., Erasmus Univ. Rotterdam, Netherlands

Journal: Journal of Operations Management vol.22, no.4 p.369-86

Publisher: Elsevier,

Publication Date: Aug. 2004 Country of Publication: Netherlands

CODEN: JOTMES ISSN: 0272-6963

SICI: 0272-6963(200408)22:4L.369:TCVD;1-W

Material Identity Number: E545-2004-005

U.S. Copyright Clearance Center Code: 0272-6963/2004/\$30.00

Language: English

Subfile: C E

Copyright 2004, IEE

...Abstract: in the literature. It appears that there is a clear difference in average load waiting **time** between the different dispatching rules in the different environments. Simple rules, **based on** load and **vehicle** proximity (**distance** -based) perform best for all cases. The penalty for this is a relatively high maximum load waiting **time** . A **distance** -based rule with **time** truncation, **giving** more priority to loads that have to wait longer than a **time** threshold, appears to yield the best possible overall performance. A rule that particularly considers load...

2/3,K/2 (Item 2 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2005 Institution of Electrical Engineers. All rts. reserv.

7913226 INSPEC Abstract Number: B2004-05-6210L-051, C2004-05-5620-016

Title: A location-based service application for a mobile computing environment

Author(s): Silva, A.P.; Mateus, G.R.

Author Affiliation: Dept. of Comput. Sci., Fed. Univ. of Minas Gerais, Pampulha, Brazil

Journal: Simulation vol.79, no.5-6 p.343-60

Publisher: Sage Publications on behalf of The Soc. Modeling & Simul. Int,

Publication Date: May-June 2003 Country of Publication: UK

CODEN: SIMUA2 ISSN: 0037-5497

SICI: 0037-5497(200305/06)79:5/6L.343:LBSA;1-2

Material Identity Number: P978-2003-009

Language: English

Subfile: B C

Copyright 2004, IEE

...Abstract: arise when a fleet management application uses that dynamic information to provide the best taxi **assignment** . This particular **vehicle** -routing problem aims to **allocate** a taxi fleet to a number of mobile units to minimize the running **distance** and **time** . This article presents a new approach to the taxi assignment problem in a mobile environment **based on** optimization and simulation. Its specific interest is to

predict the impact of the interaction between...

2/3,K/3 (Item 3 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2005 Institution of Electrical Engineers. All rts. reserv.

6785623 INSPEC Abstract Number: C2001-01-1290Z-006

Title: An effective food supply and vehicle routing model for famine relief area

Author(s): Heung-Suk Hwang

Author Affiliation: Dept. of Ind. Eng., DongEui Univ., Pusan, South Korea

Journal: Journal of Engineering Valuation and Cost Analysis

Conference Title: J. Eng. Valuat. Cost Anal. (Netherlands) vol.3, no.4-5 p.245-56

Publisher: Gordon & Breach,

Publication Date: 2000 Country of Publication: Netherlands

CODEN: JEVAFZ ISSN: 1024-9559

SICI: 1024-9559(2000)3:4/5L.245:EFSV;1-6

Material Identity Number: H060-2000-005

Conference Title: Advances in Industrial Engineering

Conference Sponsor: Korean Inst. Ind. Eng.; Japan Ind. Manage. Assoc

Conference Date: 30-31 Oct. 1998 Conference Location: Taejon, South Korea

Language: English

Subfile: C

Copyright 2000, IEE

...Abstract: study develops an effective distribution model for determining optimal patterns of food supply and inventory **allocation** for famine relief area. This research addresses the formulation of those complex **vehicle** routing problems incorporating inventory **allocation** and optimal distribution **based on** minimizing suffering (rather than travel **distance** or **time**). The solution method developed to solve the problem uses three steps approach as: first, inventory...

2/3,K/4 (Item 4 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2005 Institution of Electrical Engineers. All rts. reserv.

6315337 INSPEC Abstract Number: C1999-09-7160-029

Title: A food distribution model for famine relief

Author(s): Heung-Suk Hwang

Author Affiliation: Dept. of Ind. Eng., DongEui Univ., Pusan, South Korea

Journal: Computers & Industrial Engineering Conference Title: Comput.

Ind. Eng. (UK) vol.37, no.1-2 p.335-8

Publisher: Elsevier,

Publication Date: Oct. 1999 Country of Publication: UK

CODEN: CINDDL ISSN: 0360-8352

SICI: 0360-8352(199910)37:1/2L.335:FDMF;1-G

Material Identity Number: C222-1999-002

U.S. Copyright Clearance Center Code: 0360-8352/99/\$20.00

Conference Title: 24th International Conference on Computers and Industrial Engineering

Conference Date: 2-4 Sept. 1998 Conference Location: Uxbridge, UK

Language: English

Subfile: C

Copyright 1999, IEE

...Abstract: study develops an effective distribution model for

determining optimal patterns of food supply and inventory **allocation** for famine relief area. This research addresses the formulation of those complex **vehicle** routing problems incorporating inventory **allocation** and optimal distribution **based** on minimizing the amount of pains and starving instead of travel **distance** or **time**. Also, we have developed computer programs for each step of approaches and have shown the...

2/3,K/5 (Item 1 from file: 350)

DIALOG(R) File 350:Derwent WPIX

(c) 2005 Thomson Derwent. All rts. reserv.

016535818 **Image available**

WPI Acc No: 2004-694538/200468

XRPX Acc No: N04-550595

Reservation management system for vehicle reservation, displays vehicle allocation time information to user, by referring stored reservation status data based on duration estimated using actual location input by user

Patent Assignee: KUBOTA S (KUBO-I)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2004272833	A	20040930	JP 200366222	A	20030312	200468 B

Priority Applications (No Type Date): JP 200366222 A 20030312

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 2004272833	A		12	G06F-017/60	

Abstract (Basic):

... An estimation unit estimates **distance** and **duration** based on actual location input by user. A management unit (28) displays **vehicle allocation time** information to user, by referring reservation status data stored in a traders database (34) based on estimated **duration**. A processing unit (30) provides request for allocation of **vehicle** selected by user from displayed data, to update **vehicle** allocation time.

2/3,K/6 (Item 2 from file: 350)

DIALOG(R) File 350:Derwent WPIX

(c) 2005 Thomson Derwent. All rts. reserv.

014499989 **Image available**

WPI Acc No: 2002-320692/200236

XRPX Acc No: N02-251229

Crewman service plan production assistance device for train, computes total operation time and total running distance of vehicle in running area based on prestored time-table

Patent Assignee: MITSUBISHI ELECTRIC CORP (MITQ)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2001347949	A	20011218	JP 2000172818	A	20000609	200236 B

Priority Applications (No Type Date): JP 2000172818 A 20000609

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 2001347949	A		6	B61L-027/00	

Abstract (Basic):

... A memory stores a **time** -table consisting of running area, operation **time** and running **distance** of each **vehicle** . A production person divides the running area into several areas and **assigns** a crewman for each area. The processor computes the total operating **time** and total running **distance** of the **vehicle** in each area **based** on the **time** -table, and outputs the computed results.

2/3,K/7 (Item 3 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2005 Thomson Derwent. All rts. reserv.

013777478 **Image available**

WPI Acc No: 2001-261689/200127

XRPX Acc No: N01-187043

Range finding system for detecting pedestrian ahead of motor vehicle, transmits PN symbol packets and receives packet from pedestrian side with time delay equal to time slot of packet received by pedestrian side

Patent Assignee: CLARION CO LTD (CLAQ)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2001051047	A	20010223	JP 99228492	A	19990812	200127 B

Priority Applications (No Type Date): JP 99228492 A 19990812

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 2001051047	A		8	G01S-013/28	

Abstract (Basic):

... Timing generator (3) generates reference signal to transmit PN symbol packet generated in **vehicle** side (100). Pedestrian side (200a-200n) confirms whether received packet is sent from **vehicle** and sends packet to **vehicle** with **time** delay equal to **assigned time** slot. Auto-correlation output of received packet is obtained and **distance** between **vehicle** and pedestrian is computed **based** on packet reception timing.

2/3,K/8 (Item 4 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2005 Thomson Derwent. All rts. reserv.

007331695

WPI Acc No: 1987-328702/198747

XRPX Acc No: N87-246023

Computer operated group control system for lift in building - has series of memories storing calls from floors and cabin and all register to indicate presence of call

Patent Assignee: INVENTIO AG (INVN)

Inventor: SCHRODER J

Number of Countries: 013 Number of Patents: 007

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 246395	A	19871125	EP 87101844	A	19870210	198747 B
FI 8701504	A	19871012				198802
US 4718520	A	19880112	US 8736666	A	19870408	198804
CA 1265631	A	19900206				199010

Ginger Roberts DeMille

EP 246395	B	19900328	199013
DE 3762040	G	19900503	199019
ES 2014264	B	19900701	199031

Priority Applications (No Type Date): CH 861440 A 19860411

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
-----------	------	-----	----	----------	--------------

EP 246395	A	G			
-----------	---	---	--	--	--

Designated States (Regional): AT BE CH DE ES FR GB IT LI NL

US 4718520	A	10			
------------	---	----	--	--	--

EP 246395	B	G			
-----------	---	---	--	--	--

Designated States (Regional): AT BE CH DE ES FR GB IT LI NL

...Abstract (Equivalent): m the number of floor distances between selector and scanner position, tm the means travelling **time** per floor **distance** , REC the number of coincidences of **car** calls and **assigned** floor calls between selector and scanner position, Z an addition **dependant** on the operating condition of the **car** , tv(PM+K1.RE-k2.Rc) internal servicing costs K1 andk1(m.tm+tv(RE...

2/3,K/9 (Item 1 from file: 347)

DIALOG(R)File 347:JAPIO

(c) 2004 JPO & JAPIO. All rts. reserv.

07946472 **Image available**

DELIVERY PLANNING SYSTEM, AND DELIVERY PLANNING METHOD

PUB. NO.: 2004-059231 [JP 2004059231 A]

PUBLISHED: February 26, 2004 (20040226)

INVENTOR(s): ABE KEISUKE

HIRANO MASAHIKO

APPLICANT(s): MITSUBISHI ELECTRIC CORP

MITSUBISHI ELECTRIC INFORMATION SYSTEMS CORP

APPL. NO.: 2002-219491 [JP 2002219491]

FILED: July 29, 2002 (20020729)

ABSTRACT

... the warehouse to make delivery route shortest among the storage warehouses, and determine required travel **time** and travel **distance** for the delivery route through the selected warehouse, and a **vehicle allocation** plan forming part 4 to form a **vehicle allocation** plan for the day of delivery **based** on the information determined by the optimum warehouse computing part 6.

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2/3,K/10 (Item 2 from file: 347)

DIALOG(R)File 347:JAPIO

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07767314 **Image available**

BULK GAS DELIVERING SYSTEM, BULK GAS DELIVERING METHOD, AND ALLOCATING METHOD OF BULK GAS LORRY VEHICLE

PUB. NO.: 2003-261223 [JP 2003261223 A]

PUBLISHED: September 16, 2003 (20030916)

INVENTOR(s): MIYOSHI TAKASHI

TAKAOKA HIROSHI

NAKANO YOSHIO
ICHIGE KAORU
WATANABE SHINJI
APPLICANT(s): HITACHI SANSO KK
APPL. NO.: 2002-364507 [JP 2002364507]
Division of 2001-368821 [JP 2001368821]
FILED: December 03, 2001 (20011203)

ABSTRACT

... bulk gas lorry vehicle, the present chargeable amount from the movement management system, and the **time** series data of demand forecast. The delivery planning system can extract as a calculation element an evaporation amount of the bulk gas **depending** on a transportation **distance** from a present position of the bulk gas lorry **vehicle** to the customer site and can plan an **allocation** plan of the bulk gas lorry **vehicle**.

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2/3,K/11 (Item 3 from file: 347)
DIALOG(R)File 347:JAPIO
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07638626 **Image available**
VEHICLE OPERATION INFORMATION NOTIFICATION SYSTEM

PUB. NO.: 2003-132480 [JP 2003132480 A]
PUBLISHED: May 09, 2003 (20030509)
INVENTOR(s): YAMADA SEIJI
APPLICANT(s): MATSUSHITA ELECTRIC IND CO LTD
APPL. NO.: 2001-327503 [JP 2001327503]
FILED: October 25, 2001 (20011025)

ABSTRACT

... operation information including a terminal identification code and the information of a waiting position. A **vehicle** operation information managing device 120 selects a **vehicle** which is the closest to the waiting position **based on** the **vehicle** operation information in response to the notification request of the **vehicle** operation information, and judges the current position of the **allocated vehicle** being the selected **vehicle based on** the **vehicle** operation information, and notifies the information communication terminal equipment of the information of the current position of the **allocated vehicle** and a **distance** between the current position and the waiting position or the arrival scheduled **time** of the vehicle to the waiting position calculated based on the distance.

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?

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File 95:TEME-Technology & Management 1989-2004/Jun W1
(c) 2004 FIZ TECHNIK
File 63:Transport Res(TRIS) 1970-2005/
(c) fmt only 2005 Dialog Corp.

Set	Items	Description
S1	9	(ASSIGN? OR ALLOCAT? OR RENT OR RENTING OR LEASE OR LEASING OR GIVING) (3N) (VEHICLE? OR CAR OR CARS) (8N) (BASED()ON OR DEP- END?) (3N) (DISTANCE OR MILES) (5N) (TIME OR DURATION)
S2	4	RD (unique items)

? t2/3,k/all

2/3,K/1 (Item 1 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)
(c) 2005 ProQuest Info&Learning. All rts. reserv.

02781338 682367921

Testing and classifying vehicle dispatching rules in three real-world settings

de Koster, Rene (M) B M; Le-Anh, Tuan; van der Meer, J Robert
Journal of Operations Management v22n4 PP: 369-386 Aug 2004
ISSN: 0272-6963 JRNL CODE: JOT

...ABSTRACT: in the literature. It appears that there is a clear difference in average load waiting **time** between the different dispatching rules in the different environments. Simple rules, **based on load and vehicle**

proximity (**distance** -based) perform best for all cases. The penalty for this is a relatively high maximum load waiting **time** . A **distance** -based rule with **time** truncation, **giving** more priority to loads that have to wait longer than a **time** threshold, appears to yield the best possible overall performance. A rule that particularly considers load...

2/3,K/2 (Item 2 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

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01861990 05-12982

A food distribution model for famine relief

Hwang, Heung-Suk

Computers & Industrial Engineering v37n1,2 PP: 335-338 Oct 1999

ISSN: 0360-8352 JRNL CODE: CIE

...ABSTRACT: An effective distribution model is developed for determining optimal patterns of food supply and inventory **allocation** for famine relief area. The formulation of those complex **vehicle** routing problems incorporating inventory **allocation** and optimal distribution **based on** minimizing the amount of pains and starving instead of travel **distance** or **time** is addressed. Also, computer programs for each step of approaches are developed and the results...

2/3,K/3 (Item 1 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

(c) 2005 The Gale Group. All rts. reserv.

10578693 Supplier Number: 104636632 (USE FORMAT 7 FOR FULLTEXT)

BCS Introduces Advanced GIS Solution for Public Safety Operations;

Innovative Mapping Product Offers Dynamic Views of Vehicles, Drive Times for Faster Response.

Business Wire, p5092

July 3, 2003

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 669

... containing the location of the address. RMAPI's routing function then automatically locates the closest **vehicle** available for **assignment based on** the true drive **time** from the current **vehicle** position to the incident location. Factoring in both the **distance** and the expected travel speed, the fastest route is quickly determined and displayed on-screen as the **vehicle** travels to its destination. **Time** -dependent impedance data and traffic patterns can also be factored into route determination.

Using RMAPI...

2/3,K/4 (Item 1 from file: 20)

DIALOG(R)File 20:Dialog Global Reporter

(c) 2005 The Dialog Corp. All rts. reserv.

25410843 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Make sure you are not taken for a ride

ECONOMIC TIMES

October 10, 2002

JOURNAL CODE: WETI LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 343

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... repair for any breakdown during Puja round the clock. If your car takes a long **time** to be repaired, we will provide you with a temporary spare one instantly. But for that we charge an amount **depending** on the **distance**, said Abhishek Kumar of **Car Care**.

Some of the well known **car** rental companies said that they are **renting** out cars at normal rates.

You can also rent a cab from Bengal Taxi Association...

?

? show files;ds

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 File 634:San Jose Mercury Jun 1985-2005/Jan 29
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 File 75:TGG Management Contents(R) 86-2005/Jan W4
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 File 95:TEME-Technology & Management 1989-2004/Jun W1
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Set	Items	Description
S1	359874	(RENT? OR ALLOCAT? OR SHARE? OR SHARING OR LEASE? OR LEASING) (5N) (CAR OR CARS OR VEHICLE? ? OR TRANSPORTATION OR CARRIER OR TRUCK? ? OR SHIP OR PLANE OR AIRPLANE OR AEROPLANE OR FREIGHT)
S2	30504	(DISTRIBUTE? OR DISTRIBUTING OR ASSIGN? ? OR ASSIGNING) (5N) (CAR OR CARS OR VEHICLE? ? OR TRANSPORTATION OR CARRIER OR TRUCK? ? OR SHIP OR PLANE OR AIRPLANE OR AEROPLANE OR FREIGHT)
S3	327819	(TIME OR HOW()LONG) (2N) (BASED OR DEPEND? OR LENGTH OR DURATION OR ESTIMATED)
S4	2916	(DISTANCE OR HOW()FAR OR MILEAGE OR LENGTH OR MILE? ?) (3N) (ESTIMATED OR APPROXIMATE OR BASED OR DEPEND?) (5N) (TRIP OR JOURNEY OR VOYAGE OR FLIGHT OR TRAVEL)
S5	35	(S1 OR S2) AND S3 AND S4
S6	15	(S1 OR S2) (3S) S3 (3S) S4
S7	23	S5 NOT PY>1999
S8	9	S7 NOT S6
S9	35	S5 OR S7:S8
S10	4842	(S1 OR S2) AND (S3 OR S4)
S11	1972	S10 NOT PY>1999
S12	1406	RD (unique items)
S13	97928	ELECTRONIC? (3N) (CAR OR CARS OR VEHICLE? ? OR TRANSPORTATION OR CARRIER OR TRUCK? ?)

Ginger Roberts DeMille

S14 26966 ELECTRONIC?(3N)(AUTOMOBILE? ?)
 S15 1490 (S13 OR S14) AND (S3 OR S4)
 S16 611 S15 NOT PY>1999
 S17 576 S16 NOT S12
 S18 1494 (S1 OR S2)(3S)(S3 OR S4)
 S19 10 (S1 OR S2)(S)S3(S)S4
 S20 10 S19 NOT S8
 S21 10 S20 NOT PY>1999
 S22 5 RD (unique items)
 S23 254 (S13 OR S14)(2S)(S3 OR S4)
 S24 0 (S13 OR S14)(2S)S3(3S)S4
 S25 118 (S13 OR S14)(S)(S3 OR S4)
 S26 33 S25 NOT PY>1999
 S27 24 RD (unique items)
 S28 98909 ELECTRIC(3N)(CAR OR CARS OR VEHICLE? ? OR TRANSPORTATION OR
 CARRIER? ? OR TRUCK? ? OR AUTOMOBILE?)
 S29 7 S28(2S)S3(2S)S4
 S30 3 RD (unique items)
 S31 12 S1(3S)S28(3S)(S3 OR S4)
 S32 7 RD (unique items)
 S33 31840 (HYBRID)(3N)(CAR OR CARS OR VEHICLE? ? OR TRANSPORTATION OR
 CARRIER? ? OR TRUCK? ? OR AUTOMOBILE?)
 S34 0 S1(3S)S33(3S)S3(3S)S4
 S35 2 S1(3S)S33(3S)(S3 OR S4)
 S36 2 RD (unique items)
 ?

? t30/3,k/all

30/3,K/1 (Item 1 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

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06217099 Supplier Number: 54198430 (USE FORMAT 7 FOR FULLTEXT)

UC Riverside Students and Faculty 'Plug In' to 21st Century Transportation Concept.

PR Newswire, p1446

March 24, 1999

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 466

... port locations: University Village, the College of Engineering and CE-CERT. After entering information about **estimated trip time** and **distance** at the kiosk located at each port, the system assigns a vehicle to the IntelliShare...

...smart card also unlocks the car and turns it on. When not in use, the **electric vehicles** are charged at each port.

Honda R&D is working closely with the University to...

30/3,K/2 (Item 1 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

(c)2005 The Gale Group. All rts. reserv.

07651564 SUPPLIER NUMBER: 16031959 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Amerigon's voice-activated navigation system a hit at Consumer Electronics Show.

Business Wire, p01131033

Jan 13, 1995

LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

WORD COUNT: 333 LINE COUNT: 00031

... designs and manufacturers proprietary, high-margin products for the conventional automotive industry and the emerging **electric vehicle** market.

CONTACT: Amerigon Inc., Monrovia

Adi Liberman, 818/932-1200

or

Pondel Parsons & Wilkinson, Los...

30/3,K/3 (Item 2 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

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07648973 SUPPLIER NUMBER: 15997623 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Four major electronics companies to showcase Amerigon's AudioNav in Las Vegas.

Business Wire, p01061021

Jan 6, 1995

LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

WORD COUNT: 429 LINE COUNT: 00039

... designs and manufacturers proprietary, high-margin products for the conventional automotive industry and the emerging **electric vehicle**

Ginger Roberts DeMille

market. Amerigon's first commercially available product is the AudioNav, a voice-activated automotive navigation...
?

? t32/3,k/all

32/3,K/1 (Item 1 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

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00548824 91-23168

Managing Through Cycles of Technological Change

Anderson, Philip; Tushman, Michael L.

Research-Technology Management v34n3 PP: 26-31 May/Jun 1991

ISSN: 0895-6308 JRNL CODE: RMG

WORD COUNT: 3693

...TEXT: from University Microfilms.

Important limitations to the study should be noted. First, due to the **length** of the **time** series examined, only three industries are included; it would be unwise to over-generalize the...

...understand the probable evolution of a specific new technology, consider the predicted development of an **electric automobile**, a technology currently in its infancy:

* A commercial **electric automobile** will become feasible following a breakthrough innovation, either in the power of electric motors (e...

32/3,K/2 (Item 1 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

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06217099 Supplier Number: 54198430 (USE FORMAT 7 FOR FULLTEXT)

UC Riverside Students and Faculty 'Plug In' to 21st Century Transportation Concept.

PR Newswire, p1446

March 24, 1999

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 466

... port locations: University Village, the College of Engineering and CE-CERT. After entering information about **estimated trip time** and **distance** at the kiosk located at each port, the system assigns a vehicle to the IntelliShare...

...smart card also unlocks the car and turns it on. When not in use, the **electric vehicles** are charged at each port.

Honda R&D is working closely with the University to research the logistics, management and technology of **car sharing**. Honda's participation includes research assistance, funding, vehicle maintenance and insurance, in addition to providing...

...ICVS at its Twin Ring Motegi motorsports complex in Tochigi, Japan. Users check out small **electric cars** and **electric bicycles** as needed to commute around the 1,600-acre facility.

"Honda's vision of...

32/3,K/3 (Item 1 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

(c)2005 The Gale Group. All rts. reserv.

16665850 SUPPLIER NUMBER: 109505452 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Current labor statistics.

Monthly Labor Review, 126, 7, 33(67)

July, 2003

ISSN: 0098-1818 LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 32616 LINE COUNT: 11302

...	13.91	13.95		
PRIVATE SERVICE-				
PROVIDING (2)		14.88	14.92	15.04
Trade, transportation and				
utilities	14.12	14.24	14.36	
Wholesale trade	17.22	17.18	17...	

32/3,K/4 (Item 1 from file: 20)

DIALOG(R)File 20:Dialog Global Reporter

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40143970

PORTUGUESE AIRPORTS START OFFERING ECO-FRIENDLY CARS FOR RENT

ONASA NEWS AGENCY

January 18, 2005

JOURNAL CODE: WONA LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 233

... on the environment, among those who visit us," he told AFP. It is the first **time** that US- **based** Avis has offered the hybrid **vehicles** for **rent** at any of its locations in Europe, local officials from the firm said. Quercus, which...

... US-based Avis provide the hybrids for rental in Portugal, hopes to have 100 such **cars** available for **rent** at the three locations within one year. To encourage their use the rental price of the Honda and Toyota hybrids will be equal to the lowest price for a **rental** of a regular **vehicle**. At low speeds the **electric** motor of the **cars** powers the vehicles and the gasoline engine only accelerates as the vehicle gains speed, which...

32/3,K/5 (Item 2 from file: 20)

DIALOG(R)File 20:Dialog Global Reporter

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08503156 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Fargo, N.D.-Produced Electric Cars Appeal to Niche Market

Dan Shine

KRTBN KNIGHT-RIDDER TRIBUNE BUSINESS NEWS (DETROIT FREE PRESS - MICHIGAN)

December 02, 1999

JOURNAL CODE: KDFP LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 1393

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... shipped to Egypt, Japan, the Philippines, Mexico, Argentina and Australia. A Key West, Fla., company **rents** out the **electric cars** to tourists to get around the tiny island.

The Air Force uses GEMS at a...

32/3,K/6 (Item 1 from file: 636)

DIALOG(R)File 636:Gale Group Newsletter DB(TM)

(c) 2005 The Gale Group. All rts. reserv.

05910617 Supplier Number: 124266605 (USE FORMAT 7 FOR FULLTEXT)

BizTrend: Car-sharing business catching on in Japan's cities.

Japan Transportation Scan, p0

Nov 8, 2004

Language: English Record Type: Fulltext

Document Type: Newsletter; Trade

Word Count: 571

... but more suited to short-hour, short-distance use.

The system originated in Europe, where **car - sharing** was launched as a measure to ease traffic congestion and protect the environment.

In Japan...

...Japan's first private car-sharing company.

CEV Sharing originated from an experiment to popularize **electric vehicles** by the Ministry of International Trade and Industry (now the Ministry of Economy, Trade and...

32/3,K/7 (Item 2 from file: 636)

DIALOG(R)File 636:Gale Group Newsletter DB(TM)

(c) 2005 The Gale Group. All rts. reserv.

05465406 Supplier Number: 96723866 (USE FORMAT 7 FOR FULLTEXT)

Segway Joins Keolis to Offer HTs in France.(Segway L.L.C., Keolis S.A. to offer Human Transporter electric scooters for rental in France)(Brief Article)

Electric Vehicle Online Today, p0

Jan 22, 2003

Language: English Record Type: Fulltext

Article Type: Brief Article

Document Type: Newsletter; Trade

Word Count: 247

... goal" of the agreement is to create a "Station Oxygene" that will allow commuters to **rent electric bicycles, electric vehicles** and HTs "at one station and drop it off at another station for a modest cost based on the **time** used."

Contact: Segway, website <http://www.segway.com>.

(EIN STAFF: 1/22)

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?

? t36/3,k/all

36/3,K/1 (Item 1 from file: 20)

DIALOG(R)File 20:Dialog Global Reporter
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40143970

PORTUGUESE AIRPORTS START OFFERING ECO-FRIENDLY CARS FOR RENT

ONASA NEWS AGENCY

January 18, 2005

JOURNAL CODE: WONA LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 233

... on the environment, among those who visit us," he told AFP. It is the first time that US-based Avis has offered the hybrid vehicles for rent at any of its locations in Europe, local officials from the firm said. Quercus, which...

... US-based Avis provide the hybrids for rental in Portugal, hopes to have 100 such cars available for rent at the three locations within one year. To encourage their use the rental price of the Honda and Toyota hybrids will be equal to the lowest price for a rental of a regular vehicle. At low speeds the electric motor of the cars powers the vehicles and the gasoline...

36/3,K/2 (Item 2 from file: 20)

DIALOG(R)File 20:Dialog Global Reporter
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36049132 (USE FORMAT 7 OR 9 FOR FULLTEXT)

As Gas Prices Soar, Number of California Refineries Stand Pat

Dale Kasler

KRTBN KNIGHT-RIDDER TRIBUNE BUSINESS NEWS - THE SACRAMENTO BEE - CALI

June 09, 2004

JOURNAL CODE: KSAB LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 1520

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... quickly. Alternate energy sources like hydrogen fuel cells might be years off, but fuel-efficient hybrid vehicles are gaining market share now.

"When you look at ... fuel cells, high-mileage cars, what if that demand (for...

?

Ginger Roberts DeMille

? show files;ds

File 63:Transport Res(TRIS) 1970-2005/

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Set	Items	Description
S1	3668	(RENT? OR ALLOCAT? OR SHARE? OR SHARING OR LEASE? OR LEASING) (5N) (CAR OR CARS OR VEHICLE? ? OR TRANSPORTATION OR CARRIER OR TRUCK? ? OR SHIP OR PLANE OR AIRPLANE OR AEROPLANE OR FREIGHT)
S2	498	(DISTRIBUTE? OR DISTRIBUTING OR ASSIGN? ? OR ASSIGNING) (5N) (CAR OR CARS OR VEHICLE? ? OR TRANSPORTATION OR CARRIER OR TRUCK? ? OR SHIP OR PLANE OR AIRPLANE OR AEROPLANE OR FREIGHT)
S3	4121	(TIME OR HOW() LONG) (2N) (BASED OR DEPEND? OR LENGTH OR DURATION OR ESTIMATED)
S4	197	(DISTANCE OR HOW() FAR OR MILEAGE OR LENGTH OR MILE? ?) (3N) (ESTIMATED OR APPROXIMATE OR BASED OR DEPEND?) (5N) (TRIP OR JOURNEY OR VOYAGE OR FLIGHT OR TRAVEL)
S5	1	(S1 OR S2) AND S3 AND S4
S6	0	(S1 OR S2) (3S) S3 (3S) S4
S7	1	S5 NOT PY>1999
S8	1	S7 NOT S6
S9	1	S5 OR S7:S8
S10	40	(S1 OR S2) AND (S3 OR S4)
S11	28	S10 NOT PY>1999
S12	28	RD (unique items)
S13	2449	ELECTRONIC? (3N) (CAR OR CARS OR VEHICLE? ? OR TRANSPORTATION OR CARRIER OR TRUCK? ?)
S14	704	ELECTRONIC? (3N) (AUTOMOBILE? ?)
S15	19	(S13 OR S14) AND (S3 OR S4)
S16	11	S15 NOT PY>1999
S17	11	S16 NOT S12
?		

? t9/3,k/all

9/3,K/1

DIALOG(R)File 63:Transport Res(TRIS)

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00302968 DA

**TITLE: CHANGING SPATIAL PATTERNS IN THE JOURNEY-TO-WORK: A COMPARISON OF
THE 1966 AND 1971 CENSUS DATA IN LONDON**

AUTHOR(S): Mogridge, MJH

CORPORATE SOURCE: Longman Group Limited, 43-45 Annandale Street, Edinburgh
EH7 4AT , Scotland

JOURNAL: Urban Studies Vol: 16 Issue Number: 2 Pag: pp 179-190

PUBLICATION DATE: 19790600 **PUBLICATION YEAR:** 1979

LANGUAGE: English **SUBFILE:** HRIS; IRRD (H 8001; I)

SOURCE ACCESSION NUMBER: IRRD 242182

IRRD DOCUMENT NUMBER: IRRD 242182

ISSN: 0042 0980

FIGURES: 4 Fig. **TABLES:** 1 Tab.

REFERENCES: 7 Ref.

DATA SOURCE: Transport and Road Research Laboratory

...ABSTRACT: modal split, by distance of the trip end from the city centre;
(d) the workplace- **based trip length** distributions are calibrated
by gamma distributions (but not the residence-based). The results show
an...

...cost with distance is important, and more crucially for city structure,
that for rail and **car** travel the trade-off between **rent** and
transport costs is important, giving radial rather than orbital
travel. (a) (TRRL)

...DESCRIPTORS: BUS TRANSPORTATION (INTRACITY); RAIL TRANSPORTATION;
TRANSPORTATION ECONOMICS; POPULATION; DISTRIBUTION; MODAL SPLIT;
JOURNEY TO WORK; JOURNEY **TIME** ; **LENGTH** ; TRAFFIC COUNT; URBAN AREA;
TRANSPORT MODE; BUS; CAR; TRAIN; COST; UNITED KINGDOM; ECONOMICS OF
TRANSPORT

?

? t12/3,k/all

12/3,K/1

DIALOG(R)File 63:Transport Res(TRIS)

(c) fmt only 2005 Dialog Corp. All rts. reserv.

00794900 DA

TITLE: RESERVING FOR ROAD USE; RESERVEREN VOOR WEGGEBRUIK

AUTHOR(S): SCHOEMAKER, TJH

CORPORATE SOURCE: KLUWER, P O BOX 23, DEVENTER, 7400 GA, NETHERLANDS

JOURNAL: TIJDSCHRIFT VERVOERSWETENSCHAP Vol: 35 Issue Number: 4 Pag:
343-52

PUBLICATION DATE: 19990000 PUBLICATION YEAR: 1999

LANGUAGE: DUTCH SUBFILE: IRRD (I)

IRRD DOCUMENT NUMBER: E201668

ISSN: 0040-7623

REFERENCES: 7

DATA SOURCE: Transport Research Laboratory (TRL)

...ABSTRACT: be dealt with in a congestion-free way at any one time: of
only admitting **vehicles** that have been **allocated** own 'slots'. In
concrete terms, this would mean for the potential road user that delays

...
DESCRIPTORS: Traffic congestion; Highway capacity; Traffic delay; Trip
length ; Waiting **time** ; Travel; Route guidance; Traffic assignment;
Planning; Time; Netherlands; Congestion (Traffic); Capacity (Road,
footway); Delay; Journey...

12/3,K/2

DIALOG(R)File 63:Transport Res(TRIS)

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00779657 DA

TITLE: SOME ADVICE WORTH TAKING

AUTHOR(S): Mills, L

CORPORATE SOURCE: National Safety Council, 1121 Spring Lake Drive, Itasca,
IL, 60143-

JOURNAL: Traffic Safety Vol: 99 Issue Number: 5 Pag: pp 14-15

PUBLICATION DATE: 19990900 PUBLICATION YEAR: 1999

LANGUAGE: English SUBFILE: HRIS (H)

ISSN: 00410721

AVAILABILITY: National Safety Council; 1121 Spring Lake Drive ; Itasca
; IL ; 60143-

ORDER NUMBER: N/A

PHOTOS: 1 Phot.

...ABSTRACT: Defensive Driving Course (DDC) strives to change attitudes by
showing students how to save lives, **time** , and money **based** on making
the correct driving decisions. It appeals to a wide cross section of
people...

...and will continue to receive emphasis, because statistics reflect that
they are on the rise. **Sharing** the road with large **trucks** is another
big issue that instructors can expect to see in the updated DDC
modules.

12/3,K/3

DIALOG(R)File 63:Transport Res(TRIS)

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00765516 DA

TITLE: A DISTRIBUTED COMPUTING ENVIRONMENT FOR DYNAMIC TRAFFIC OPERATIONS

AUTHOR(S): Peeta, S; Chen, S-C

CORPORATE SOURCE: Blackwell Publishers, 350 Main Street, Malden, MA, 02148-

JOURNAL: Computer-Aided Civil and Infrastructure Engineering Vol: 14

Issue Number: 4 **Pag:** pp 239-253

PUBLICATION DATE: 19990700 **PUBLICATION YEAR:** 1999

LANGUAGE: English **SUBFILE:** HRIS (H)

ISSN: 10939687

AVAILABILITY: Blackwell Publishers; 350 Main Street ; Malden; MA ;
02148-

ORDER NUMBER: N/A

FIGURES: Figs.

REFERENCES: Refs.

...**ABSTRACT:** and efficiency. To address the problem of the severe computational burden of processing network-wide **time - dependent** traffic-related data (such as volume, speed, occupancy, and classification), the authors investigate two remote...

DESCRIPTORS: **DISTRIBUTED** PROCESSING; NETWORKS; INTELLIGENT **TRANSPORTATION** SYSTEMS; ADVANCED TRAVELER INFORMATION SYSTEMS; ADVANCED TRAFFIC MANAGEMENT SYSTEMS; REMOTE PROCEDURE CALL

12/3,K/4

DIALOG(R)File 63:Transport Res(TRIS)

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00740043 DA

TITLE: THE SAFETY EVALUATION OF TRAVTEK

AUTHOR(S): Perez, WA

CORPORATE SOURCE: ITS America, 400 Virginia Avenue, SW, Suite 800,
Washington, DC , 20024-2730,

Pag: pp 99-115

PUBLICATION DATE: 19950000 **PUBLICATION YEAR:** 1995

LANGUAGE: English **SUBFILE:** HRIS (H)

ISSN: N/A

AVAILABILITY: ITS America; 400 Virginia Avenue, SW, Suite 800 ;
Washington; DC ; 20024-2730

ORDER NUMBER: N/A

FIGURES: 5 Figs. **TABLES:** 1 Tabs.

REFERENCES: Refs.

CONFERENCE TITLE: A Workshop on The Safety Evaluation of Intelligent Transportation Systems

...**ABSTRACT:** and use of Intelligent Transportation Systems (ITS) technologies and services. The TravTek system represents a **distributed** architecture where the ATIS **vehicles** planned routes **based** on real-time traffic information provided by a Traffic Management Center (TMC). The in-vehicle system provided drivers...

12/3,K/5

DIALOG(R)File 63:Transport Res(TRIS)

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00724591 DA

**TITLE: A VEHICLE USAGE FORECASTING MODEL BASED ON REVEALED AND STATED
VEHICLE TYPE CHOICE AND UTILIZATION DATA. REVISED VERSION**

AUTHOR(S): Golob, TF; Bunch, DS; Brownstone, D

CORPORATE SOURCE: California University, Irvine, Institute of
Transportation Studies, Irvine, CA, 92717,

REPORT NUMBER: UCI-ITS-WP-96-2

Pag: 34p

SUPPLEMENTAL NOTES: This paper was presented at the Seventh World
Conference on Transport Research, Sydney, Australia, July 16-21, 1995.
For earlier version see TRIS 713488.

PUBLICATION DATE: 19951200 PUBLICATION YEAR: 1995

LANGUAGE: English SUBFILE: HRIS (H)

ISSN: 01935860

AVAILABILITY: California University, Irvine; Institute of Transportation
Studies ; Irvine; CA ; 92717

ORDER NUMBER: N/A

TABLES: 12 Tab.

REFERENCES: Refs.

...ABSTRACT: potential gains that might be attributed to introduction of
alternative-fuel (clean-fuel) vehicles, critically **depend** upon the
ability to forecast vehicle **miles** of **travel** (VMT) by the fuel type,
body style and size and vintage of the vehicle. Households...

...3) characteristics of the vehicle itself. The current model is similar
to previous models of **vehicle allocation** and use in multi- **vehicle**
households in that separate equations with correlated error terms are
developed for each vehicle in...

...problem; reduced-form equations needed for forecasting purposes are
developed through a structural specification of **vehicle allocation**
to drivers. This research is also unique in that the models use both
revealed preference...

12/3,K/6

DIALOG(R)File 63:Transport Res(TRIS)

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00724204 DA

TITLE: THE NATIONAL SWEDISH STUDY OF VALUE OF TIME FOR PERSONAL TRIPS

AUTHOR(S): ALGERS, S; DILLEN, JL; WIDLART, S

CORPORATE SOURCE: PTRC EDUCATION AND RESEARCH SERVICES LTD, GLENTHORNE
HOUSE, HAMMERSMITH GROVE, LONDON, W6 0LG, UNITED KINGDOM

JOURNAL: MODELS AND APPLICATIONS. PROCEEDINGS OF SEMINAR F HELD AT THE 2
3RD EUROPEAN TRANSPORT FORUM, UNIVERSITY OF WARWICK, ENGLAND, SEPTEMBER
11-15, 1995. VOLUME P393 Pag: 133-49

PUBLICATION DATE: 19950000 PUBLICATION YEAR: 1995

LANGUAGE: ENGLISH SUBFILE: IRRD (I)

IRRD DOCUMENT NUMBER: 880180

ISSN: 0266-4569 ISBN: 0-86050-283-X

REFERENCES: 5

DATA SOURCE: Transport Research Laboratory (TRL)

...ABSTRACT: are supposed to consider individual as well as productivity
effects in their valuations of travel **time** changes. **Based** on
previou s experience and recommendations from earlier VoT studies in
the UK an d...

...Starting in November 1994, the main field work was carried out, giving

Ginger Roberts DeMille

some 5000 interviews **distributed** on **car** , air, long distance train,
long distance bus, regional train and regional bus. The analysis work
...

12/3,K/7

DIALOG(R) File 63:Transport Res(TRIS)

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00722017 DA

**TITLE: AUTONOMOUS VEHICLE SCHEDULING USING THE CONTRACT NET PROTOCOL IN A
TRUCK TERMINAL**

AUTHOR(S): Suetake, N; Ikari, H; Unoki, T

CORPORATE SOURCE: Vertis. Vehicle, Road and Traffic Intelligence Society,
2-3-18, Kudan-Minami, Chiyoda-ku, Tokyo 120, Japan

REPORT NUMBER: Volume 2

Pag: p 942

SUPPLEMENTAL NOTES: Five volumes of papers and one volume of abstracts
comprise the published set of conference materials.

PUBLICATION DATE: 19951100 PUBLICATION YEAR: 1995

LANGUAGE: English SUBFILE: HRIS (H)

ISSN: N/A

AVAILABILITY: Vertis. Vehicle, Road and Traffic Intelligence Society;
2-3-18, Kudan-Minami, Chiyoda-ku ; Tokyo; Japan

ORDER NUMBER: N/A

CONFERENCE TITLE: Steps Forward. Intelligent Transport Systems World
Congress

...ABSTRACT: a task from the announced time is minimal. From the simulation
results, criteria with the **estimated** arriving **time** and time to
perform the task are presented as appropriate scheduling parameters.

DESCRIPTORS: AUTONOMOUS VEHICLES; TRUCK TERMINALS; SCHEDULING; LOADING AND
UNLOADING OPERATIONS; TASK **ALLOCATION** ; CRITERIA; SYSTEM PERFORMANCE;
SIMULATIONS; INTELLIGENT **TRANSPORTATION** SYSTEMS; JAPAN

12/3,K/8

DIALOG(R) File 63:Transport Res(TRIS)

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00713488 DA

**TITLE: A VEHICLE USAGE FORECASTING MODEL BASED ON REVEALED AND STATED
VEHICLE TYPE CHOICE AND UTILIZATION DATA**

AUTHOR(S): Golob, TF; Bunch, DS; Brownstone, D

CORPORATE SOURCE: California University, Irvine, Institute of
Transportation Studies , Irvine, CA, 92717,

REPORT NUMBER: UCI-ITS-WP-95-6

Pag: 22p

SUPPLEMENTAL NOTES: This paper was prepared for the Seventh World
Conference on Transport Research, Sydney, Australia, July 16-21, 1995.

PUBLICATION DATE: 19950200 PUBLICATION YEAR: 1995

LANGUAGE: English SUBFILE: HRIS (H 9501)

ISSN: 01935860

AVAILABILITY: California University, Irvine; Institute of Transportation
Studies ; Irvine; CA ; 92717

ORDER NUMBER: N/A

TABLES: 10 Tab.

REFERENCES: Refs.

...ABSTRACT: potential gains that might be attributed to introductions of

alternative-fuel (clean-fuel) vehicles, critically **depend** upon the ability to forecast vehicle **miles** of **travel** (VMT) by the fuel type, body style and size, and vintage of the vehicle. Households...

...3) characteristics of the vehicle itself. The current model is similar to previous models of **vehicle allocation** and use in multi- **vehicle** households in that separate equations with correlated error terms are developed for each vehicle in...

...problem; reduced-form equations needed for forecasting purposes are developed through a structural specification of **vehicle allocation** to drivers. This research is also unique in that the models use both revealed preference...

12/3,K/9

DIALOG(R)File 63:Transport Res(TRIS)

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00700833 DA

TITLE: CALCULATION OF HYDRODYNAMIC INTERACTION EFFECT BETWEEN SHIPS MOVING IN CONSTRAINED WATERS

AUTHOR(S): Zhang, L

SUPPLEMENTAL NOTES: Shipbuilding of China, n 112, Jan 1991, p 29 [11 p, 7 ref, 2 tab, 6 fig]

PUBLICATION DATE: 19000000

LANGUAGE: Chinese SUBFILE: MRIS (M)

SOURCE ACCESSION NUMBER: 91092167

DATA SOURCE: British Maritime Technology

...ABSTRACT: hydrodynamic interaction between ships moving parallel in constrained waters are calculated in this paper. The **time - dependent** integral equations are set up using matched asymptotic expansions. By adopting discrete procedure the sources and vortices are **distributed** along the **ship** axis and the vortices which represent the memory effect are distributed in the wake field...

12/3,K/10

DIALOG(R)File 63:Transport Res(TRIS)

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00680519 DA

TITLE: SOLVING AN INSTANTANEOUS DYNAMIC USER-OPTIMAL ROUTE CHOICE MODEL

AUTHOR(S): Boyce, DE; Ran, B; Leblanc, LJ

CORPORATE SOURCE: Operations Research Society of America, 1314 Guilford Avenue, Baltimore, MD, 21202,

JOURNAL: Transportation Science Vol: 29 Issue Number: 2 Pag: pp 128-142

PUBLICATION DATE: 19950500 PUBLICATION YEAR: 1995

LANGUAGE: English SUBFILE: HRIS (H 9404)

ISSN: 00411655

AVAILABILITY: Operations Research Society of America; 1314 Guilford Avenue ; Baltimore; MD ; 21202

ORDER NUMBER: N/A

FIGURES: 6 Figs. TABLES: 9 Tabs.

REFERENCES: 16 Refs.

...ABSTRACT: or instantaneous, information on network conditions is described using an optimal control theory formulation. The **time -**

dependent origin-destination vehicle trip pattern is assumed to be known. The instantaneous dynamic user-optimal route choice problem is to **allocate vehicle** flows to the current minimal-cost routes, defined as the routes that minimize the route...

DESCRIPTORS: DYNAMIC MODELS; NONLINEAR PROGRAMMING; ROUTE CHOICE; **TIME DEPENDENT** FUNCTIONS; TRAVEL **TIME**

12/3,K/11

DIALOG(R)File 63:Transport Res(TRIS)

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00670339 DA

TITLE: WORLD'S LARGEST TEST OF DYNAMIC ROUTE GUIDANCE. ADVANCE OPENING

AUTHOR(S): Ligas, JF

CORPORATE SOURCE: McGraw-Hill Information Systems Company, 1221 Avenue of the Americas, New York, NY, 10020,

JOURNAL: INTELLIGENT HIGHWAY SYSTEMS Pag: pp 12-14

SUPPLEMENTAL NOTES: This publication is a supplement to ENR (Engineering News Record).

PUBLICATION DATE: 19941128 **PUBLICATION YEAR:** 1994

LANGUAGE: English **SUBFILE:** HRIS (H 9402)

ISSN: 08919526

AVAILABILITY: McGraw-Hill Information Systems Company; 1221 Avenue of the Americas ; New York; NY ; 10020

ORDER NUMBER: N/A

PHOTOS: 2 Phot.

...ABSTRACT: global positioning system navigation, dead reckoning, and map matching to guide drivers in route selection. **Based** on real- **time** travel data, volunteer drivers have an in-vehicle computer with display screen (mobile navigation assistant...

...Highway Administration. This article discusses the challenging issues that Advance investigators face, including insurance questions, **leased** and financed **vehicles**, and privacy. Also provided is a "lessons learned" column from the contracting and audit phases...

12/3,K/12

DIALOG(R)File 63:Transport Res(TRIS)

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00647545 DA

TITLE: A GAME THEORETIC/NETWORK EQUILIBRIUM SOLUTION APPROACH FOR THE RAILROAD FREIGHT CAR MANAGEMENT PROBLEM

AUTHOR(S): Adamidou, EA; Kornhauser, AL; Koskosidis, YA

CORPORATE SOURCE: Pergamon Press plc, Headington Hill Hall, Oxford OX3 0BW, England

JOURNAL: Transportation Research. Part B: Methodological Vol: 27

Issue Number: 3 **Pag:** pp 237-252

PUBLICATION DATE: 19930600 **PUBLICATION YEAR:** 1993

LANGUAGE: English **SUBFILE:** RRIS (R)

ISSN: 01912615

AVAILABILITY: Pergamon Press, Incorporated; 660 White Plains Road ; Tarrytown; NY ; 10591-5153

ORDER NUMBER: N/A

TABLES: 4

REFERENCES: 47

...ABSTRACT: development and solution procedures of a mathematical model of

the management of a fleet of **cars shared** by autonomous profit maximizing managers faced with time-varying demands requiring shared service responsibility. Motivation...

...in which many railroads independently manage an interchangeable fleet of cars that serve customers with **time - dependent** origin-destination patterns; this often requires the cooperative service of more than one railroad. The...

...sequential procedure is developed for which car management decisions for each railroad over a specified **time** horizon are **based** on the previously calculated optimized decisions of car management decisions for all other railroads. Several...

12/3,K/13

DIALOG(R)File 63:Transport Res(TRIS)

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00624876 DA

TITLE: JIT OPERATIONS AND SCHEDULING AT INTERMODAL INTERFACES. FINAL REPORT

AUTHOR(S): Ajayi-Majebi, AJ; Grissom, WA

CORPORATE SOURCE: Central State University, Manufacturing Engineering Department, Wilberforce, OH, 45384-

REPORT NUMBER: GLCTTR 10-90;CSU/MFE/JIT-01/TR 90

Pag: 171p

PUBLICATION DATE: 19901219 **PUBLICATION YEAR:** 1990

LANGUAGE: English **SUBFILE:** HRIS; RRIS; ATRIS; MRIS (H 9203; R; A; M)

BIBLIOGRAPHIC/DATA APPENDICES: 7 App.

AVAILABILITY: University of Michigan Transp Research Institute; Great Lakes Center for Truck Transportation Research, 2901 Baxter ; Ann Arbor; MI ; 48109-2150

FUNDING TYPE: Contract

CONTRACT/GRANT NUMBER: DOT/DTOS88-G-005

FIGURES: 8 Fig. **TABLES:** 9 Tab.

REFERENCES: 170 Ref.

PERIOD COVERED: 8812-9012

...**ABSTRACT:** and presented based on a full factorial design experiment. The Markovian reliability model formulated specifies **time dependent** transportation vehicle reliabilities for different states of operation of a JIT vehicle. Both the reliability...

...**DESCRIPTORS:** SCHEDULING; HISTORY; IMPACT; QUESTIONNAIRES; SURVEYS, DATA COLLECTION; FIELD VISITS; SIMULATION MODELS; MARKOV PROCESSES; RELIABILITY; RESOURCE **ALLOCATION** ; HIGHWAY **TRANSPORTATION** ; RAIL **TRANSPORTATION** ; AIR **TRANSPORTATION** ; WATER **TRANSPORTATION**

12/3,K/14

DIALOG(R)File 63:Transport Res(TRIS)

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00555886 DA

TITLE: ARE YOU A "TYPICAL" NAFA MEMBER?

JOURNAL: NAFA FLEET EXECUTIVE **Pag:** PP 46-48

PUBLICATION DATE: 19890400 **PUBLICATION YEAR:** 1989

LANGUAGE: ENGLISH **SUBFILE:** TLIB (L)

DATA SOURCE: NORTHWESTERN UNIVERSITY TRANSPORTATION LIBRARY DAL1593

ABSTRACT: STATISTICS ON FLEET SIZE, OWNED VS **LEASED VEHICLES** ,

MANAGEMENT EXPERIENCE AND **LENGTH OF TIME** IN CURRENT POSITION

12/3,K/15

DIALOG(R)File 63:Transport Res(TRIS)
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00481106 DA

TITLE: MODEL FOR FLEET SIZING AND VEHICLE ALLOCATION

AUTHOR(S): Beaujon, GJ

CORPORATE SOURCE: Cornell University, Ithaca, NY, 14850,

REPORT NUMBER: Order No. 87-24,166

Pag: 185p

SUPPLEMENTAL NOTES: Ph.D Thesis.

PUBLICATION DATE: 19870000 PUBLICATION YEAR: 1987

LANGUAGE: English SUBFILE: UMTRIS; HRIS (U 8901; H 8901)

AVAILABILITY: University Microfilms International; 300 North Zeeb Road

; Ann Arbor ; MI ; 48106

DATA SOURCE: Energy Abstracts for Policy Analysis

TITLE: MODEL FOR FLEET SIZING AND VEHICLE ALLOCATION

...ABSTRACT: programming formulation of the problem is presented. An approximation to the exact formulation is developed **based on a time** -space representation of a dynamic network, which can be solved using network-optimization algorithms.

DESCRIPTORS: FLEET PLANNING; **VEHICLE SIZE; ALLOCATION MODELS; NETWORK; OPTIMIZATION**

12/3,K/16

DIALOG(R)File 63:Transport Res(TRIS)
(c) fmt only 2005 Dialog Corp. All rts. reserv.

00468593 DA

TITLE: LINK PERFORMANCE FUNCTIONS FOR URBAN FREEWAYS WITH ASYMMETRIC CAR-TRUCK INTERACTIONS

AUTHOR(S): Kim, YG; Mahmassani, HS

CORPORATE SOURCE: Transportation Research Board, 2101 Constitution Avenue, NW, Washington, DC, 20418,

JOURNAL: Transportation Research Record Issue Number: 1120 Pag: pp 32-39

SUPPLEMENTAL NOTES: This paper appeared in Transportation Research Record No. 1120, Transportation Logistics.

PUBLICATION DATE: 19870000 PUBLICATION YEAR: 1987

LANGUAGE: English SUBFILE: HRIS (H 8802)

ISSN: 03611981 ISBN: 0-309-04473-1

AVAILABILITY: Transportation Research Board Business Office; 2101 Constitution Avenue, NW ; Washington; DC ; 20418

FIGURES: 2 Fig. TABLES: 6 Tab.

REFERENCES: 16 Ref.

...ABSTRACT: Results are presented of the empirical development and calibration of performance functions that capture the **dependence** of travel **time** on the respective volumes of passenger **cars** and **trucks** **sharing** the physical right-of-way on urban freeway sections. The data used for model calibration...

12/3,K/17

DIALOG(R)File 63:Transport Res(TRIS)

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00395940 DA

TITLE: HIGHWAY FUNDING EQUITY

AUTHOR(S): Tittermary, GS

CORPORATE SOURCE: Virginia Municipal League, 311 Ironfronts, 1011 East Main Street, P.O. Box 753, Richmond, VA, 23206,

JOURNAL: Virginia Town & City Vol: 20 Issue Number: 5 Pag: pp 8-11

PUBLICATION DATE: 19850500 PUBLICATION YEAR: 1985

LANGUAGE: English SUBFILE: HRIS (H 8604)

AVAILABILITY: Virginia Municipal League; 311 Ironfronts, 1011 East Main Street, P.O. Box 753 ; Richmond; VA ; 23206

FIGURES: 1 Fig.

...ABSTRACT: Review commission (JLARC) to review the reasonableness, appropriateness and equity of the highway and public **transportation** fund **allocation** provision. The JLARC'S review found that the 1977 allocation problems were outdated and in...

...1269, relocated in 1985, implemented many of the JLARC's findings and, for the first **time** , **based** the allocations on formulas derived from statistical modeling techniques. In line with the finding that...

12/3,K/18

DIALOG(R)File 63:Transport Res(TRIS)

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00334563 DA

TITLE: FARE CALCULATION FOR METERED RIDE SHARING VEHICLES

AUTHOR(S): Ghahraman, DE; Au, T; Baumann, DMB

CORPORATE SOURCE: American Society of Civil Engineers, 345 East 47th Street , New York , NY, 10017,

JOURNAL: ASCE Journal of Transportation Engineering Vol: 107

Issue Number: 2 Pag: pp 105-117

PUBLICATION DATE: 19810300 PUBLICATION YEAR: 1981

LANGUAGE: English SUBFILE: UMTRIS; HRIS (U 8201; H 8103)

SOURCE ACCESSION NUMBER: EIX810400031

AVAILABILITY: Linda Hall Library; 5109 Cherry Street ; Kansas City; MO ; 64110-2498

ORDER NUMBER: DOTL JC

REFERENCES: 5 Ref.

DATA SOURCE: Engineering Index

TITLE: FARE CALCULATION FOR METERED RIDE SHARING VEHICLES

...ABSTRACT: automated fare calculation for exclusive ride taxi and shared ride transit in advance of a **trip** (when the **distance** and time for the **trip** can be reliably **estimated**). In the application, reliable **distance** and time estimates are obtained from a data base originally generated from geographic and travel...

...DESCRIPTORS: TRANSPORTATION; COSTS; 00-A432; 00-A911; 00-A921; 00-A901; 00-A403; MATHEMATICAL MODELS; ECONOMIC; **TRANSPORTATION** ; URBAN PLANNING; TAXICABS; RIDE **SHARING** ; DATA ACQUISITION; DATA BASE; FARE; URBAN TRANSPORTATION PLANNING; METERS

12/3,K/19

DIALOG(R)File 63:Transport Res(TRIS)

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00317441 DA

TITLE: MODEL OF MODAL CHOICE BASED ON RATES, TIME , AND DEPENDABILITY
AUTHOR(S): Wiley, J; Colberg, R
CORPORATE SOURCE: Temple University, Department of Marketing, Philadelphia,
PA, 19122 , Du Pont de Nemours (EI) and Company, Incorporated,
Wilmington, DE , 19898,
Pag: 27 p.
SUPPLEMENTAL NOTES: From Joint National Meeting of the Institute of
Management Sciences and the Operations Research Society of America, New
Orleans, Louisiana, April 30, 1979.
PUBLICATION DATE: 19790000 **PUBLICATION YEAR:** 1979
LANGUAGE: English **SUBFILE:** RRIS (R 8002)
AVAILABILITY: National Technical Information Service; 5285 Port Royal Road
; Springfield; VA ; 22161
ORDER NUMBER: COO-4136-9
FUNDING TYPE: Contract
CONTRACT/GRANT NUMBER: EY-76-S-02-4136
DATA SOURCE: Energy Research Abstracts

TITLE: MODEL OF MODAL CHOICE BASED ON RATES, TIME , AND DEPENDABILITY
...**ABSTRACT:** to determine choice of mode or route to transport commodities,
namely: management science and market **share** ; **transportation**
specialists are more familiar with the first of these. This paper,
however, concentrates on the...

12/3,K/20

DIALOG(R)File 63:Transport Res(TRIS)
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00302968 DA

**TITLE: CHANGING SPATIAL PATTERNS IN THE JOURNEY-TO-WORK: A COMPARISON OF
THE 1966 AND 1971 CENSUS DATA IN LONDON**
AUTHOR(S): Mogridge, MJH
CORPORATE SOURCE: Longman Group Limited, 43-45 Annandale Street, Edinburgh
EH7 4AT , Scotland
JOURNAL: Urban Studies Vol: 16 Issue Number: 2 Pag: pp 179-190
PUBLICATION DATE: 19790600 **PUBLICATION YEAR:** 1979
LANGUAGE: English **SUBFILE:** HRIS; IRRD (H 8001; I)
SOURCE ACCESSION NUMBER: IRRD 242182
IRRD DOCUMENT NUMBER: IRRD 242182
ISSN: 0042 0980
FIGURES: 4 Fig. **TABLES:** 1 Tab.
REFERENCES: 7 Ref.
DATA SOURCE: Transport and Road Research Laboratory

...**ABSTRACT:** modal split, by distance of the trip end from the city centre;
(d) the workplace- **based trip length** distributions are calibrated
by gamma distributions (but not the residence-based). The results show
an...
...cost with distance is important, and more crucially for city structure,
that for rail and **car** travel the trade-off between **rent** and
transport costs is important, giving radial rather than orbital
travel.(a) (TRRL)
...**DESCRIPTORS:** BUS TRANSPORTATION (INTRACITY); RAIL TRANSPORTATION;
TRANSPORTATION ECONOMICS; POPULATION; DISTRIBUTION; MODAL SPLIT;
JOURNEY TO WORK; JOURNEY **TIME** ; **LENGTH** ; TRAFFIC COUNT; URBAN AREA;
TRANSPORT MODE; BUS; CAR; TRAIN; COST; UNITED KINGDOM; ECONOMICS OF
TRANSPORT

12/3,K/21

DIALOG(R)File 63:Transport Res(TRIS)
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00225853 DA

TITLE: STRUCTURING A SYSTEMS ANALYSIS OF PARKING

AUTHOR(S): Ellis, RH; Rassam, PR; Pendakur, VS **DISCUSSER:** Schulman, LL
DISCUSSER

JOURNAL: Highway Research Record, Hwy Res Board

SUPPLEMENTAL NOTES: No 317, pp 1-13, 4 FIG, 6 REF

PUBLICATION DATE: 19700000 **PUBLICATION YEAR:** 1970

LANGUAGE: English **SUBFILE:** HRIS (H)

...**ABSTRACT:** SYSTEM SIMULATION MODEL, WHICH SIMULATES THE OPERATION OF A GIVEN PARKING SYSTEM FOR A GIVEN **TIME - DEPENDENT** PARKING DEMAND, IS A KEY COMPONENT OF THE PROPOSED FRAMEWORK. THE PARKING ALLOCATION MODEL, WHICH AT EVERY TIME PERIOD **ALLOCATES** ARRIVING **VEHICLES** TO THE AVAILABLE PARKING FACILITIES, IS THE CENTRAL ELEMENT OF THE PARKING SYSTEM SIMULATION MODEL...

12/3,K/22

DIALOG(R)File 63:Transport Res(TRIS)
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00195413 DA

TITLE: TRANSPORTATION CORRIDORS: THE COST OF KEEPING OPTIONS OPEN

AUTHOR(S): Carline, J; Stewart, G

CORPORATE SOURCE: Roads and Transportation Association of Canada, 1765 St Laurent Boulevard, Ottawa, ON K1G 3V4, Canada

REPORT NUMBER: Monograph

Pag: 18 p.

SUPPLEMENTAL NOTES: Paper presented to Roads and Transportation Association of Canada Annual Conference, September 18-21, 1978, Ottawa.

PUBLICATION DATE: 19780000 **PUBLICATION YEAR:** 1978

LANGUAGE: English **SUBFILE:** HRIS; IRRD (H 7904; I)

SOURCE ACCESSION NUMBER: IRRD 240486

IRRD DOCUMENT NUMBER: IRRD 240486

TABLES: 1 Tab.

REFERENCES: 5 Ref.

DATA SOURCE: Transport and Road Research Laboratory Roads and Transportation Association of Canada

...**ABSTRACT:** strategy will depend on the kind of development opportunities which are being forestalled and the **length of time** for which the corridor is to be held prior to constructing the transportation facility. General...

DESCRIPTORS: TRANSPORTATION PLANNING; LAND USE PLANNING; LAND ACQUISITION; **TRANSPORTATION** CORRIDORS; COST **SHARING** ; LAND ACQUISITION; FORECAST; PLANNING; ECONOMICS OF TRANSPORT; CORRIDOR (TRANSP); SOCIOLOGY

12/3,K/23

DIALOG(R)File 63:Transport Res(TRIS)
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00188207 DA

TITLE: TRAVEL TO WORK IN BRITAIN: A SELECTIVE REVIEW

AUTHOR(S): Das, M

CORPORATE SOURCE: Transport and Road Research Laboratory, Old Wokingham
Road , Crowthorne RG11 6AU, Berkshire, England

REPORT NUMBER: Lab. Report 849

Pag: 36 p.

PUBLICATION DATE: 19780000 PUBLICATION YEAR: 1978

LANGUAGE: English SUBFILE: UMRIS; HRIS; IRRD (U; H 7902; I)

ISSN: 03051293

BIBLIOGRAPHIC/DATA APPENDICES: 2 App.

FIGURES: 6 Fig. TABLES: 18 Tab.

REFERENCES: 37 Ref.

DATA SOURCE: Transport and Road Research Laboratory

...ABSTRACT: literature review is supplemented with 1975/76 National Travel Survey data giving modal split, journey **length** and **time** for different socioeconomic groups. The main findings from the review and the survey data include...

...at the annual rate of 1 per cent between 1921 and 1966; Residential locations of **car** users are more widely **distributed** than those of public transport users; A progressive outward shift of residences from inner areas...

12/3,K/24

DIALOG(R)File 63:Transport Res(TRIS)

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00185812 DA

TITLE: INVESTIGATION OF THE VARIABILITY OF GASOLINE CONSUMPTION AMONG STATES

AUTHOR(S): Greene, DL

CORPORATE SOURCE: Oak Ridge National Laboratory, P.O. Box X, Oak Ridge, TN, 37830, Department of Energy, 1000 Independence Avenue, SW, Washington, DC , 20585,

Pag: 55 p.

PUBLICATION DATE: 19780400 PUBLICATION YEAR: 1978

LANGUAGE: English SUBFILE: HRIS (H 7902)

SOURCE ACCESSION NUMBER: u7823

BIBLIOGRAPHIC/DATA APPENDICES: 2 App.

AVAILABILITY: National Technical Information Service; 5285 Port Royal Road ; Springfield; VA ; 22161

ORDER NUMBER: ORNL-5391

FUNDING TYPE: Contract

CONTRACT/GRANT NUMBER: W-7405-ENG-26

FIGURES: 6 Fig. TABLES: 3 Tab.

DATA SOURCE: National Technical Information Service

...ABSTRACT: first estimates a demand equation utilizing key socio-economic variables. The demand equation, which is **based** on a **time** series (1966 through 1975) of cross-sectional data, also produces quantitative estimates of state-specific...

...to be negatively related to population density, urbanization, agricultural employment, severe winter weather, and small- **car** **share** of the **vehicle** fleet. They were positively related to the percentage of the population of working age and...

12/3,K/25

DIALOG(R)File 63:Transport Res(TRIS)

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00181952 DA

TITLE: RIDE SHARED VEHICLE PARATRANSIT SYSTEM

AUTHOR(S): Au, T; Baumann, DMB

CORPORATE SOURCE: Carnegie-Mellon University, Pittsburgh, PA, 15213,
Department of Transportation, 400 7th Street, SW, Washington, DC ,
20590,

REPORT NUMBER: DOT/TST-77/86 Final Rpt.

Pag: 89 p.

PUBLICATION DATE: 19770700 PUBLICATION YEAR: 1977

LANGUAGE: English SUBFILE: UMTRIS; NTIS; HRIS (U; N; H)

SOURCE ACCESSION NUMBER: u7824

AVAILABILITY: National Technical Information Service; 5285 Port Royal Road
; Springfield; VA ; 22161

ORDER NUMBER: PB-284167/4ST

FUNDING TYPE: Contract

CONTRACT/GRANT NUMBER: DOT-OS-40081

DATA SOURCE: National Technical Information Service

TITLE: RIDE SHARED VEHICLE PARATRANSIT SYSTEM

...ABSTRACT: industry and other paratransit service organizations. The
major emphasis has been to develop the Ride **Shared Vehicle**
Paratransit (RSVP) System, which provides hardware and software support
for computer-based fare calculation and...

...via the RSVP Operations Console and initiates a routine which calculates
the fare and the **estimated trip time** ; the results are displayed on
the Operations Console and communicated to the customer prior to...

DESCRIPTORS: *URBAN TRANSPORTATION; *MOTOR VEHICLES; REGULATION; DISPLAY
SYSTEMS; COMPUTER SYSTEMS HARDWARE; DATA PROCESSING TERMINALS; SERVICES
; RIDE **SHARING** ; PARA-TRANSIT; PUBLIC SERVICE **VEHICLES** ; TAXICABS;
FARE; CALCULATORS; COMPUTER; SOFTWARE

12/3,K/26

DIALOG(R)File 63:Transport Res(TRIS)

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00167517 DA

TITLE: INTERCITY FREIGHT FUEL UTILIZATION AT LOW PACKAGE

DENSITIES-AIRPLANES, EXPRESS TRAINS AND TRUCKS

AUTHOR(S): Miller, MP

CORPORATE SOURCE: Department of Energy, 1000 Independence Avenue, SW,
Washington, DC , 20586, Boeing Commercial Airplane Company, Seattle,
WA, 98124,

REPORT NUMBER: Monograph;HS-023 546;HS-023 537

SUPPLEMENTAL NOTES: Proceedings of the Third National Conference
(Conf-760895), Effects of Energy Constraints on Transportation Systems,
Union College, Schenectady, New York, August 2-6, 1976. Entire volume
of Proceedings in RRIS, 165077; RRIS Bulletin 7801.

PUBLICATION DATE: 19770500 PUBLICATION YEAR: 1977

LANGUAGE: English SUBFILE: HSL; ATRIS; RRIS (S; A 7801; R 7801)

AVAILABILITY: Government Printing Office; Superintendent of Documents
; Washington ; DC ; 20402

ORDER NUMBER: GPO 060-000-00073-5

DATA SOURCE: Energy Research and Development Administration

...ABSTRACT: not necessarily represent a correct base for air cargo; the
latter depends upon the passenger **airplane trip fuel allocation**

technique. The results presented in this report are markedly different from those found in published...

...DESCRIPTORS: AIR TRANSPORT; FREIGHT TRAINS; MOTOR CARRIERS; CARGO TRANSPORTATION; FUEL CONSUMPTION; AIR TRANSPORTATION; MODAL CHOICE; TRIP **LENGTH** ; TRAVEL **TIME** ; ENERGY CONSERVATION; RAIL TRANSPORTATION; TRUCKS

12/3,K/27

DIALOG(R)File 63:Transport Res(TRIS)
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00149260 DA

TITLE: FARE COLLECTION AND TICKETING CONSIDERATIONS AT DUAL-MODE STATIONS

AUTHOR(S): Hamberg, WA; Cowan, RW

CORPORATE SOURCE: Transportation Research Board, 2101 Constitution Avenue, NW, Washington, DC, 20418,

JOURNAL: Transportation Research Board Special Report Issue Number: 170
Pag: p 103

SUPPLEMENTAL NOTES: This paper appears in Dual Mode Transportation, which is a publication containing the proceedings of a conference conducted by the Transportation Research Board, May 29-31, 1974.

PUBLICATION DATE: 19760000 PUBLICATION YEAR: 1976

LANGUAGE: English SUBFILE: UMTRIS; HRIS (U; H 7702)

AVAILABILITY: Transportation Research Board Business Office; 2101 Constitution Avenue, NW ; Washington; DC ; 20418

...ABSTRACT: transportation in metropolitan areas. Since these systems combine the features of demand-responsive service and **shared**, multiple origin and destination **vehicle** usage, their ticketing and fare collection functions will be more complex than those of conventional transit systems. Fares are likely to be related to trip distances; fares may also **depend** on the **time** of day and characteristics of the traveler. The reservation request and confirmation process associated with...

...of these functions will produce a high level of passenger service and economies resulting from **shared vehicle** use and extensive automation.

12/3,K/28

DIALOG(R)File 63:Transport Res(TRIS)
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00126483 DA

TITLE: THE ECONOMIC COST OF COMMUTING

AUTHOR(S): Reed, MF, Jr

CORPORATE SOURCE: Highway Users Federation for Safety and Mobility, 1776 Massachusetts Avenue, NW, Washington, DC, 20036,

REPORT NUMBER: Tech Study Memo 13

Pag: 22 pp

PUBLICATION DATE: 19750724 PUBLICATION YEAR: 1975

LANGUAGE: English SUBFILE: UMTRIS; HRIS (U; H 7601)

BIBLIOGRAPHIC/DATA APPENDICES: 3 App.

AVAILABILITY: Highway Users federation; 1776 Massachusetts Avenue, NW ; Washington ; DC ; 20036

TABLES: 3 Tab.

...ABSTRACT: Results show that automobile travel has a comparatively low

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cost only when there are sufficient **vehicle** occupants to **share** the cost. For the 10- **mile trip** the **estimated** cost per person for a single occupant automobile is \$3.71, while for the 2...

?

? t17/3,k/all

17/3,K/1

DIALOG(R)File 63:Transport Res(TRIS)
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00800521 DA

**TITLE: THE USE OF ELECTRONIC TRAVEL DIARIES AND VEHICLE INSTRUMENTATION
PACKAGES IN THE YEAR 2000 REGIONAL ATLANTA HOUSEHOLD TRAVEL SURVEY**

AUTHOR(S): Wolf, J; Guensler, R; Washington, S; Frank, L
CORPORATE SOURCE: Federal Highway Administration, 400 7th Street, SW,
Washington, DC , 20590, Department of Transportation, Bureau of
Transportation Statistics, 400 7th Street, SW, Washington, DC, 20590-,
Pag: 16p

PUBLICATION DATE: 19990000 PUBLICATION YEAR: 1999

LANGUAGE: English SUBFILE: HRIS (H)

CONFERENCE TITLE: Personal Travel: the Long and Short of It

**TITLE: THE USE OF ELECTRONIC TRAVEL DIARIES AND VEHICLE INSTRUMENTATION
PACKAGES IN THE YEAR 2000 REGIONAL ATLANTA HOUSEHOLD TRAVEL SURVEY**

...ABSTRACT: mode identification, driver and passenger identification (for
personal vehicle trips), trip purpose, start and finish **time** (or
duration), origin location, destination location, and distance
traveled. In addition to these traditional elements, route choice...

...DESCRIPTORS: Global Positioning System; Personal computers; Engines;
Monitoring; Vehicle identification numbers; Drivers; Passengers; Trip
purpose; Trip **length** ; **Time duration** ; Origin and destination;
Distance; Route choice; Speed; Freeways; Traffic; Exhaust gases;
Pollutants; Atlanta (Georgia)

17/3,K/2

DIALOG(R)File 63:Transport Res(TRIS)
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00787225 DA

**TITLE: DACAPO, A DISTRIBUTED COMPUTER ARCHITECTURE FOR SAFETY-CRITICAL
CONTROL APPLICATIONS**

AUTHOR(S): Rostamzadeh, B.

CORPORATE SOURCE: Chalmers tekniska hogskola. Sektionen for elektroteknik,
Prometheus (Program),

JOURNAL: Intelligent Vehicles '95 Symposium (1995 : Detroit, Mich.).

Proceedings of the Intelligent Vehicles '95 Symposium Pag: p. 376-381

SUPPLEMENTAL NOTES: Publication Date: 1995 Published By: IEEE Service
Center, Piscataway NJ

PUBLICATION DATE: 19950000 PUBLICATION YEAR: 1995

LANGUAGE: eng SUBFILE: PATH

SOURCE ACCESSION NUMBER: PATH Record Number 10609

AVAILABILITY: Item owned at Univ. of Calif., Berkeley, Inst Transp Studies

Lib Refer to: <http://www.lib.berkeley.edu/ITSL/services.html>

DATA SOURCE: University of California, Berkeley--PATH Database

ABSTRACT: This paper presents a distributed **dependable** real- **time**
computer system, DACAPO. The cyclic operation together with the
preschedulin g of the process execution...

DESCRIPTORS: system architecture; fault monitoring; computer networks;
electronic equipment; **vehicle** design; real time control

17/3,K/3

DIALOG(R)File 63:Transport Res(TRIS)
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00777630 DA

TITLE: INCREASING SYSTEM SAFETY FOR BY-WIRE APPLICATIONS IN VEHICLES BY USING A TIME TRIGGERED ARCHITECTURE

AUTHOR(S): Ringler, T.

CORPORATE SOURCE: Universitat Stuttgart,

JOURNAL: International Conference on Computer Safety, Reliability and Security (17th : 1998 : Heidelberg, Germany). Proceedings ... SAFECOMP '98 Pag: p. 243-253

SUPPLEMENTAL NOTES: Publication Date: 1998 Published By: Springer Verlag, Berlin

PUBLICATION DATE: 19980000 PUBLICATION YEAR: 1998

LANGUAGE: eng SUBFILE: PATH

SOURCE ACCESSION NUMBER: PATH Record Number 16534

AVAILABILITY: Item owned at Univ. of Calif., Berkeley, Engineering Library
Refer to: <http://www.lib.berkeley.edu/ILS/nonuc.html>

DATA SOURCE: University of California, Berkeley--PATH Database

ABSTRACT: This paper describes a new automotive architecture that is based on a time triggered architecture. This is presented in conjunction with a framework for the application design of...

DESCRIPTORS: safety; advanced vehicle control systems; electronic equipment

17/3,K/4

DIALOG(R)File 63:Transport Res(TRIS)
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00770442 DA

TITLE: ADVANTAGE I-75 MAINLINE AUTOMATED CLEARANCE SYSTEM FINAL REPORT.

PART 3: WEIGH STATION INDIVIDUAL EVALUATION REPORT

AUTHOR(S): McCall, B; Kroeger, D; Kamyab, A; Stern, H

CORPORATE SOURCE: Iowa State University, Ames, Center for Transportation Research and Education, Ames, IA, 50010, Federal Highway Administration, 400 7th Street, SW, Washington, DC , 20590,

Pag: 37p

PUBLICATION DATE: 19980800 PUBLICATION YEAR: 1998

LANGUAGE: English SUBFILE: HRIS (H)

FIGURES: Figs. TABLES: Tabs.

PHOTOS: Photos.

...ABSTRACT: between the commercial vehicle in the weigh station, and one on the mainline was the estimated time savings attributable to being electronically screened on the mainline.

DESCRIPTORS: WEIGH STATIONS; PERFORMANCE; PRODUCTIVITY; TRUCKS; MOTOR CARRIERS; COMMERCIAL VEHICLES; CORRIDORS; TRANSPONDERS; TRAVEL TIME; INTELLIGENT TRANSPORTATION SYSTEMS; ELECTRONIC CLEARANCE AT WEIGH STATIONS; MAINLINE ELECTRONIC CLEARANCE

17/3,K/5

DIALOG(R)File 63:Transport Res(TRIS)
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00726375 DA

TITLE: IMPROVING CUSTOMER SERVICE AND FLEET MANAGEMENT THROUGH IVHS

CORPORATE SOURCE: CANADIAN TRUCKING RESEARCH INSTITUTE (CTRI), 130 SLATER

Ginger Roberts DeMille

STREET, SUITE 1025, OTTAWA, ONTARIO, K1P 6E2, CANADA

Pag: 23P

PUBLICATION DATE: 19921000 PUBLICATION YEAR: 1992

LANGUAGE: ENGLISH SUBFILE: IRRD (I)

IRRD DOCUMENT NUMBER: 872643

DATA SOURCE: Transport Research Laboratory (TRL)

...ABSTRACT: development or being tested in demonstration projects, apply mostly to the vehicle, such as automatic **vehicle** location, **electronic** log books, electronic placarding, two-way real- **time** communications. Road- **based** IVHS are being developed and implemented more slowly, with some exceptions such as weigh-in...

17/3,K/6

DIALOG(R)File 63:Transport Res(TRIS)

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00722373 DA

TITLE: THE BMW BOARD MONITOR SYSTEM

AUTHOR(S): WEISHAUP, W

CORPORATE SOURCE: INSTITUTION OF MECHANICAL ENGINEERS (IMECHE), 1 BIRDCAGE WALK, LONDON, SW1H 9JJ, UNITED KINGDOM

JOURNAL: AUTOTECH 95 Issue Number: C498/1/224 Pag: 15P

PUBLICATION DATE: 19950000 PUBLICATION YEAR: 1995

LANGUAGE: ENGLISH SUBFILE: IRRD (I)

IRRD DOCUMENT NUMBER: 877104

REFERENCES: Refs.

DATA SOURCE: Transport Research Laboratory (TRL)

...ABSTRACT: driving to keep his costs down and respect the environmmnet. The navigation system is an **electronic vehicle** guidance system, which drives the driver rapidly and directly to his selected destination, and...

DESCRIPTORS: CAR; CONTINUOUS; SURVEILLANCE; DRIVER; DRIVER INFORMATION; GUIDANCE; ITINERARY; VISUAL DISPLAY; SPEED; TEMPERATURE; FUEL CONSUMPTION; **LENGTH**; **TIME**; DRIVING (VEH)

17/3,K/7

DIALOG(R)File 63:Transport Res(TRIS)

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00493867 DA

TITLE: SUPER-SMART CARS

AUTHOR(S): Shuldiner, H

CORPORATE SOURCE: Times Mirror Magazines, Incorporated, 380 Madison Avenue, New York, NY, 10017,

JOURNAL: Popular Science Vol: 225 Issue Number: 2 Pag: pp 54-57

PUBLICATION DATE: 19840800 PUBLICATION YEAR: 1984

LANGUAGE: English SUBFILE: HRIS (H 9002)

ISSN: 01617370

AVAILABILITY: Times Mirror Magazines, Incorporated; P.O. Box 2871 ; Boulder; CO ; 83022

...ABSTRACT: and safer, they will also give the driver an amazing amount of information on the **cars** performance. Such future **electronic** developments will include computerized anti-skid braking systems, touch screen CRT controls for computers, and...

...and provide 38,000 commands. Computers will give accurate information on fuel economy, elapsed trip **time**, **estimated** times of arrival, and diagnostic checks. The most powerful computer now in use is that...
DESCRIPTORS: INTELLIGENT **VEHICLES**; COMPUTER APPLICATIONS; **ELECTRONIC** CONTROL; VEHICULAR SAFETY; **VEHICLE** MAINTENANCE; ANTI-LOCK BRAKES; ANTI-THEFT DEVICES; FUEL CONSUMPTION; DIAGNOSIS; OIL CHANGE

17/3,K/8

DIALOG(R)File 63:Transport Res(TRIS)
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00380939 DA

TITLE: PRODUCTION AND AUTOMATED TESTING OF CHRYSLER'S ENGINE CONTROL COMPUTER

AUTHOR(S): Webster, JL; Henley, WF

CORPORATE SOURCE: Institute of Electrical & Electronics Engrs, Inc, 445 Hoes Lane, Piscataway, NJ, 08854, Society of Automotive Engineers, Incorporated, 400 Commonwealth Drive, Warrendale, PA, 15096,

REPORT NUMBER: IEEE-80CH1601-4;HS-030 407;SAE-SP-90

Pag: 5p

SUPPLEMENTAL NOTES: Conference held in Dearborn, Michigan, 15-17 September 1980. Also published in HS-030 396 (IEEE-80CH1601-4; SAE-SP-90), "Convergence 80. IEEE Vehicular Technology Society Annual Conference (30th), International Conference on Transportation Electronics Proceedings," Utica, Michigan, 1980.

PUBLICATION DATE: 19800000 PUBLICATION YEAR: 1980

LANGUAGE: English SUBFILE: HSL (S 8402)

AVAILABILITY: Institute of Electrical & Electronics Engrs, Inc; Service Center, 445 Hoes Lane; Piscataway; NJ; 08854

DATA SOURCE: National Highway Traffic Safety Administration

...ABSTRACT: as various tests of audit samples selected from units to be shipped. A central computer- **based** Real **Time** Operating System monitors the entire test complex, collects and stores data from on-line satellite...

...DESCRIPTORS: DRIVEABILITY; COMPUTER CONTROL SYSTEMS; MICROPROCESSOR; RELIABILITY; ELECTRONIC DEVICES; MANAGEMENT INFORMATION SYSTEMS; AUTOMATED TESTING; CHRYSLER CORPORATION; **ELECTRONIC** ENGINE CONTROL; **AUTOMOBILE**; QUALITY CONTROL

17/3,K/9

DIALOG(R)File 63:Transport Res(TRIS)
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00242720 DA

TITLE: MUST WE TRAVEL? THE POTENTIAL OF COMMUNICATION AS A SUBSTITUTE FOR URBAN TRAVEL

AUTHOR(S): Jones, DW

CORPORATE SOURCE: Stanford University, /Inst for Communication Res,

REPORT NUMBER: Final Rept

Pag: 83 pp

SUPPLEMENTAL NOTES: Contract CA-11-0008 UMTA-CA-11-0008-73-5

PUBLICATION DATE: 19730300 PUBLICATION YEAR: 1973

LANGUAGE: English SUBFILE: HRIS (H)

DATA SOURCE: Urban Mass Transportation Administration

...ABSTRACT: OF PART OF THE WORK TASK FROM HOME. THIS STUDY ALSO EXAMINES THE DESTINATION, ROUTE, **TIME**, ORIGIN, AND **DURATION** OF HOME-WORK

TRAVEL WHICH MIGHT BE SUBSTITUTED BY COMMUNICATIONS, WHICH INCLUDE THE
USE OF...
DESCRIPTORS: WORK TRIPS; COMMUNICATION SYSTEMS; URBAN **TRANSPORTATION** ;
SUBSTITUTES; **ELECTRONIC** DEVICES; ENERGY CRISIS

17/3,K/10

DIALOG(R)File 63:Transport Res(TRIS)
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00225487 DA

TITLE: A DESIGN FOR AN EXPERIMENTAL ROUTE GUIDANCE SYSTEM

AUTHOR(S): Trabold, WG; Prewitt, TA

JOURNAL: Highway Research Record, Hwy Res Board

SUPPLEMENTAL NOTES: No 265, pp 50-61, 12 FIG, 2 REF

PUBLICATION DATE: 19690000 PUBLICATION YEAR: 1969

LANGUAGE: English SUBFILE: HRIS (H)

...ABSTRACT: MANEUVER INSTRUCTION IS CALCULATED, RETURNED TO THE VEHICLE,
AND DISPLAYED TO THE DRIVER IN THE **LENGTH** OF **TIME** NECESSARY FOR THE
VEHICLE TO TRAVEL A DISTANCE OF APPROXIMATELY FIVE FEET AT INTERSTATE
HIGHWAY...

DESCRIPTORS: ROUTING; GUIDANCE; DRIVERS (**VEHICLE**); **ELECTRONIC** DEVICES;
DIGITAL TECHNIQUES; COMMUNICATION SYSTEMS; DISPLAYS; DISTANCE

17/3,K/11

DIALOG(R)File 63:Transport Res(TRIS)
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00195267 DA

TITLE: APPLYING ELECTRONICS TO AUTOMOBILES

AUTHOR(S): Flynn, G

CORPORATE SOURCE: Morgan-Grampian, Incorporated, 16 West 61st Street, New
York, NY , 10023,

JOURNAL: Product Engineering Vol: 49 Issue Number: 9 Pag: pp 63-65

PUBLICATION DATE: 19780900 PUBLICATION YEAR: 1978

LANGUAGE: English SUBFILE: HRIS (H 7904)

SOURCE ACCESSION NUMBER: EIX790400195

AVAILABILITY: Linda Hall Library; 5109 Cherry Street ; Kansas City; MO
; 64110-2498

DATA SOURCE: Engineering Index

TITLE: APPLYING ELECTRONICS TO AUTOMOBILES

ABSTRACT: This article shows how the Detroit **car** makers are using
electronic engine controls in more and more automobiles in order to
meet the upcoming standards for...

...injection system for the '79 Cadillac Seville that controls air-fuel
ratio by varying the **length** of **time** the fuel injectors are open.

...DESCRIPTORS: ENGINES; CONTROL; 00-A661; 00-A715; 00-A716; 00-A718;
00-A451; 00-A723; APPLICATIONS; **ELECTRONIC** EQUIPMENT; **ELECTRONICS** ;
AUTOMOBILE ENGINES ; PERFORMANCE; FUEL INJECTION; FUEL AIR MIXTURES

?

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Set	Items	Description
S1	359874	(RENT? OR ALLOCAT? OR SHARE? OR SHARING OR LEASE? OR LEASING) (5N) (CAR OR CARS OR VEHICLE? ? OR TRANSPORTATION OR CARRIER OR TRUCK? ? OR SHIP OR PLANE OR AIRPLANE OR AEROPLANE OR FREIGHT)
S2	30504	(DISTRIBUTE? OR DISTRIBUTING OR ASSIGN? ? OR ASSIGNING) (5N) (CAR OR CARS OR VEHICLE? ? OR TRANSPORTATION OR CARRIER OR TRUCK? ? OR SHIP OR PLANE OR AIRPLANE OR AEROPLANE OR FREIGHT)
S3	327819	(TIME OR HOW() LONG) (2N) (BASED OR DEPEND? OR LENGTH OR DURATION OR ESTIMATED)
S4	2916	(DISTANCE OR HOW() FAR OR MILEAGE OR LENGTH OR MILE? ?) (3N) - (ESTIMATED OR APPROXIMATE OR BASED OR DEPEND?) (5N) (TRIP OR JOURNEY OR VOYAGE OR FLIGHT OR TRAVEL)
S5	35	(S1 OR S2) AND S3 AND S4
S6	15	(S1 OR S2) (3S) S3 (3S) S4
S7	23	S5 NOT PY>1999
S8	9	S7 NOT S6
S9	35	S5 OR S7:S8
S10	4842	(S1 OR S2) AND (S3 OR S4)
S11	1972	S10 NOT PY>1999
S12	1406	RD (unique items)
S13	97928	ELECTRONIC? (3N) (CAR OR CARS OR VEHICLE? ? OR TRANSPORTATION OR CARRIER OR TRUCK? ?)

S14 26966 ELECTRONIC?(3N)(AUTOMOBILE? ?)
S15 1490 (S13 OR S14) AND (S3 OR S4)
S16 611 S15 NOT PY>1999
S17 576 S16 NOT S12
S18 1494 (S1 OR S2)(3S)(S3 OR S4)
S19 10 (S1 OR S2)(S)S3(S)S4
S20 10 S19 NOT S8
S21 10 S20 NOT PY>1999
S22 5 RD (unique items)
S23 254 (S13 OR S14)(2S)(S3 OR S4)
S24 0 (S13 OR S14)(2S)S3(3S)S4
S25 118 (S13 OR S14)(S)(S3 OR S4)
S26 33 S25 NOT PY>1999
S27 24 RD (unique items)
? t27/3,k/all

27/3,K/1 (Item 1 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

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02270432 86066869

Logical structure of information in relation to Japanese production and distribution

Seto, Hiroaki

Logistics Information Management v11n4 PP: 213-223 1998

ISSN: 0957-6053 JRNL CODE: LIM

WORD COUNT: 6448

...TEXT: have their own distribution channel, in synchronisation.

The assembly manufacturers which belong to the passenger **car**, consumer **electronics** and domestic electric appliances industries started their weekly production based on distributive information collected before...

...we concentrate on the body line, that is, from the point of view of the **length** in **time** from input of cold strip milled steel plate to release in 1987 (Seto, 1992, p...

27/3,K/2 (Item 2 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

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01536127 01-87115

The relationships between generic and time-based strategies and performance

Wagner, Brad; Digman, Lester

Journal of Managerial Issues v9n3 PP: 334-354 Fall 1997

ISSN: 1045-3695 JRNL CODE: JML

WORD COUNT: 7025

...TEXT: much quicker rate than U.S. manufacturers, resulting in substantial market share gains. In general, **time - based** competitors are able to provide more variety at a lower cost and in more market segments than their competitors (Stalk and Hout, 1990). This observed competitive time differential, especially in **automobiles** and consumer **electronic** products, has led to the popular conclusion that time has been an ignored, but potentially...

27/3,K/3 (Item 3 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)
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01423626 00-74613

ADC is just the ticket in NJ

Smith, Greg

Automatic I.D. News v13n7 PP: 1, 10+ Jun 1997

ISSN: 0890-9768 JRNL CODE: AIN

...ABSTRACT: Now New Jersey boasts the country's only online parking ticket issuance system - a computer- **based**, real- **time** wireless ticketing solution that uses pen-based computer terminals. Armed with pen computers and portable...

...New Jersey parking enforcement officers can issue parking tickets, carry out boot/tow operations and **electronically** chalk **vehicles** during routine parking operations. The system is also on the verge of implementation in New...

27/3,K/4 (Item 4 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)
(c) 2005 ProQuest Info&Learning. All rts. reserv.

01005443 96-54836

Why electric utilities should build the information superhighway

Niggli, Michael R; Nixon, Walter W III

Telecommunications (Americas Edition) v29n3 PP: 68-74 Mar 1995

ISSN: 0278-4831 JRNL CODE: TEC

WORD COUNT: 2435

...TEXT: appliance or machine (using the system's "intelligent" ability to read from the power-line **carrier** the unique **electronic** signature of particular end-use equipment), even on a real- **time** basis.

* **Based** on current use and previous usage patterns, customers would be able to obtain an instantaneous...

27/3,K/5 (Item 5 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)
(c) 2005 ProQuest Info&Learning. All rts. reserv.

00857062 95-06454

Making EDI pay off: The Averitt Express experience

Udo, Godwin J; Grant, Trish

Production & Inventory Management Journal v34n4 PP: 6-11 Fourth Quarter 1993

ISSN: 0897-8336 JRNL CODE: PIM

WORD COUNT: 4117

ABSTRACT: Averitt Express, a regional, less-than-truckload (LTL) transportation company, was the first regional **carrier** to invest in **electronic** data interchange (EDI), the electronic exchange of standard business documents and information without human intervention...

...1. larger market share, 2. customer loyalty, 3. goodwill and reputation, 4. price leadership, 5. **time - based** competition enhancement, and 6. cutting-edge position enhancement. The biggest and most common problem in...

27/3,K/6 (Item 6 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

(c) 2005 ProQuest Info&Learning. All rts. reserv.

00611322 92-26425

Performance Plus: Ready, Set, Go! (Part 4)

Hanright, John

PEM: Plant Engineering & Maintenance v15n2 PP: 25-29 Mar 1992

ISSN: 0710-362X JRNL CODE: PEM

...ABSTRACT: the time it takes to conduct business is the key strategic thrust for the 1990s. **Time - based** competition is making its mark in everything from **electronics** to the **automobile** industry to footwear manufacturing. The Bata shoe plant in Batawa, Ontario, is a good example ...

...has been critical to its survival over the past year. For most Canadian manufacturers, however, **time - based** competition means fundamental changes in the way that plants are organized, machines are operated and...

27/3,K/7 (Item 1 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

(c) 2005 The Gale Group. All rts. reserv.

06491697 Supplier Number: 55172741 (USE FORMAT 7 FOR FULLTEXT)

Vetronix Corp. to Introduce Revolutionary Wireless In-Vehicle Fleet Monitoring System.

Business Wire, p0078

July 16, 1999

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 826

... combined expertise of Vetronix and Computer Associates, along with the rapid advancements in wireless and **vehicle electronics** technologies, enables the development of valuable fleet management solutions **based** on real- **time** vehicle data," said Jim Zaleski, president of Vetronix. "Since so many technical innovations have been...

27/3,K/8 (Item 2 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

(c) 2005 The Gale Group. All rts. reserv.

03872312 Supplier Number: 45562442 (USE FORMAT 7 FOR FULLTEXT)

EPOC COMMUNICATIONS AND CONCURRENT COMPUTER CORPORATION SIGN JOINT MARKETING AGREEMENT FOR INTERACTIVE MULTIMEDIA SOLUTIONS

News Release, pN/A

May 25, 1995

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 666

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

...with DOS or Windows software, or client Macintosh systems. Running Concurrent's MAX/OS real- **time** operating system, **based** on UNIX SVR4.2MP

from Novell, the MAXION/IMS system, combined with Epoch's interactive...

...most intensely interactive multimedia applications in real-time. The MAXION multiprocessor system is a real- **time** multiprocessing system, **based** on R4400 reduced instruction set computer (RISC) from MIPS Technologies, Inc., available in either 150 MHz or 200 MHz. It is the first real- **time** multiprocessor **based** on the recently introduced 200 megahertz (MHz) R4400-200 RISC processor, increasing raw computational performance...
...weather, wagering and gaming, measurement and control, C3I, financial services, insurance services and transaction processing, **electronic** transfer, paging systems, **transportation** control systems, multimedia, and network security systems. Concurrent produces the industry- leading standards-based POSIX...

27/3,K/9 (Item 3 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

(c) 2005 The Gale Group. All rts. reserv.

02446213 Supplier Number: 43223749 (USE FORMAT 7 FOR FULLTEXT)

Calcutta's Howrah Bridge Goes Hi-Tech - Automated Toll Plaza 08/12/92

Newsbytes, pN/A

August 12, 1992

Language: English Record Type: Fulltext

Document Type: Newswire; General Trade

Word Count: 385

... that the toll collection system will take a maximum of 25 seconds for clearing each **vehicle** .

Besides operating the **electronic** boards indicating the toll to be paid, the computers will control the traffic signals distributing...

...expected to function round the clock although the number of lanes open at any one **time** will **depend** on the volume of traffic.

(C.T. Mahabharat/19920812)

27/3,K/10 (Item 1 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

(c)2005 The Gale Group. All rts. reserv.

11407871 SUPPLIER NUMBER: 56021233 (USE FORMAT 7 OR 9 FOR FULL TEXT)
PREP FOR A MULTIMEDIA FUTURE.

Wright, Maury

EDN, 44, 17, 78

August 19, 1999

ISSN: 0012-7515 LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 5360 LINE COUNT: 00424

... latency and jitter on CAN channels will prevent their use in controlling brakes (see sidebar " **Time - based** media access fixes latency and minimizes jitter").

THE GATEWAY

You can't expect convergence of...

27/3,K/11 (Item 2 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

(c)2005 The Gale Group. All rts. reserv.

07873857 SUPPLIER NUMBER: 16823041 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Benefits of 'new' motor technology are promising, says A.O. Smith. (A.O. Smith Electrical Products Co.)

Air Conditioning, Heating & Refrigeration News, v195, n2, p33(1)
May 8, 1995

ISSN: 0002-2276 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 939 LINE COUNT: 00089

... the pulse for each point of rotation and every speed-torque load, much like the **electronic** timing in a **car**.

The key difference in the dsr motor is the rotor, said Smith. It is the...

27/3,K/12 (Item 3 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2005 The Gale Group. All rts. reserv.

07168437 SUPPLIER NUMBER: 14933165 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Fatal impact: the automobile age will end a lot sooner than we think if policy wonks have their way.

Bohon, C.D.

Dealer Business, v28, n5, p20(7)

Jan, 1994

LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 3261 LINE COUNT: 00256

... would be read by sensors in the road. In congested areas, drivers would be charged **based** on "dwell **time**" within the zone, as well as be charged tolls for road use.

Sensors could also...

27/3,K/13 (Item 4 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2005 The Gale Group. All rts. reserv.

06431597 SUPPLIER NUMBER: 13618218 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Volvo's electronic face. (for crash dummies)

Gaultieri, Jorge

Automotive Industries, v173, n3, p55(1)

March, 1993

ISSN: 0273-656X LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 382 LINE COUNT: 00028

...ABSTRACT: incorporates 52 piezoelectric-plastic-film sensors that allow researchers to pinpoint an impact's exact **time**, **duration** and location. Signals from the sensors are sent to computers, for analysis.

27/3,K/14 (Item 5 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2005 The Gale Group. All rts. reserv.

06177119 SUPPLIER NUMBER: 12933149 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Now put the warranty under a microscope. (Car-shopping the Smart Way)

Krebs, Michelle

Medical Economics, v69, n20, p70(5)

Oct 19, 1992

ISSN: 0025-7206 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 1841 LINE COUNT: 00143

... warranty. So the type of warranty may be a factor in what car you choose. **Depending on how long** you intend to keep your vehicle, you might prefer either a long basic warranty or...

27/3,K/15 (Item 6 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2005 The Gale Group. All rts. reserv.

04849542 SUPPLIER NUMBER: 09632879 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Product innovation, successful market timing define business leadership in next century. (Boston Consulting Group)

PR Newswire, 1128NY006

Nov 28, 1990

LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

WORD COUNT: 529 LINE COUNT: 00044

... market share for Japan in automobiles and electronics, noted the co-author of "Competing Against **Time** -- How **Time - Based** Competition is Re-Shaping Global Markets" (Free Press). "Twenty years ago, when Japanese manufacturers were...

27/3,K/16 (Item 7 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2005 The Gale Group. All rts. reserv.

02031999 SUPPLIER NUMBER: 03312950 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Japan's unmanned factory: the facts behind the mystery.

Schreffler, Roger

Iron Age, v227, p30(8)

June 18, 1984

ISSN: 0021-1508 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

WORD COUNT: 3920 LINE COUNT: 00317

... nearly two-thirds of all industrial robots in operation throughout Japan today were introduced by **automobile** and **electronics** manufacturers. Toyota and Nissan alone, the nation's two largest automobile producers, presently employ about...

27/3,K/17 (Item 1 from file: 160)

DIALOG(R)File 160:Gale Group PROMT(R)
(c) 1999 The Gale Group. All rts. reserv.

01076062

Taking the pulse of trucking.

New York Times (National Edition) September 8, 1984 p. 19,211

Trucking firms are equipping their **vehicles** with sophisticated **electronic** devices that monitor and control drivers to cut costs. TRW has developed **electronic** systems that maintain **truck** speeds at 53-58 miles per hour, record rpm data, and track the **length of time** a truck runs at a particular speed and the duration of the unloading period. Kimberly...

27/3,K/18 (Item 1 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)

(c) 2005 The Gale Group. All rts. reserv.

01527913 SUPPLIER NUMBER: 12478942 (USE FORMAT 7 OR 9 FOR FULL TEXT)
**Calcutta's Howrah bridge goes hi-tech. (India's Second Hooghly computerized
bridge connecting Calcutta with Howrah)**
Mahabharat, C.T.
Newsbytes, NEW08120013
August 12, 1992
LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 412 LINE COUNT: 00030

... that the toll collection system will take a maximum of 25 seconds
for clearing each **vehicle** .

Besides operating the **electronic** boards indicating the toll to be
paid, the computers will control the traffic signals distributing...

...expected to function round the clock although the number of lanes open
at any one **time** will **depend** on the volume of traffic.

(C.T. Mahabharat/19920812)

27/3,K/19 (Item 1 from file: 9)
DIALOG(R)File 9:Business & Industry(R)
(c) 2005 The Gale Group. All rts. reserv.

1420971 Supplier Number: 01420971 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Tollways Zip To The Front Of The National Prepaid Pack
**(Prepaid electronic toll systems are working for over 500,000 motorists on
over a dozen major US toll roads)**
Debit Card News, v 1, n 17, p 1+
February 29, 1996
DOCUMENT TYPE: Newsletter; Industry Overview (United States)
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 1280

-(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...and maintenance costs.

Motorists pay between 25 cents and \$2.50 to use the tollway, **depending** on
the **time** of day they travel. Unlike existing transponder toll programs
where cars must slow down to...

...time on the road," says Michelle Morrissey, sales and marketing manager
for the California Private **Transportation** Co.

The **Electronic** Prepaid Toll Map
State Agency Facility
California California Private 91 Express Lanes
 Transportation Corp.
California...

27/3,K/20 (Item 2 from file: 9)
DIALOG(R)File 9:Business & Industry(R)
(c) 2005 The Gale Group. All rts. reserv.

1364220 Supplier Number: 01364220 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Massachusetts Tunnel Deploys Electronic Toll Collection

(Boston's new Third Harbor Tunnel uses electronic toll booths in
conjunction with conventional toll booths)
Newsbytes News Network, p N/A
December 20, 1995
DOCUMENT TYPE: Journal (United States)
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 497

ABSTRACT:

...included Texas Instruments, Digital Equipment Corp, Computer Recognition
and Tail Wind Instruments. To use the **electronic** toll booth system,
vehicles must have battery-driven 3.25 x 3.25 inch "transponders," which
are attached to...

...technical potential to be upgraded to "value pricing," which would
automatically charge vehicles different rates **depending** on what **time** of
day it is. The MFS system is also being used throughout California's state
...

27/3,K/21 (Item 1 from file: 476)
DIALOG(R)File 476:Financial Times Fulltext
(c) 2005 Financial Times Ltd. All rts. reserv.

0009530931 B0IEIADAEHFT

COMMENT & ANALYSIS: How to stop traffic jams: Sheila McNulty and John

Parker on the one city to grasp the nettle of restricting traffic
SHEILA MCNULTY, JOHN PARKER

Financial Times, London Edition 1 ED, P 11

Saturday, May 9, 1998

DOCUMENT TYPE: Features; NEWSPAPER LANGUAGE: ENGLISH RECORD TYPE:
FULLTEXT

Word Count: 850

...automatically from pre-paid cash cards slotted into units mounted on a
car dashboard, as **vehicles** pass through an **electronic** sentry.

Electronic surveillance cameras photograph the registration plates of
vehicles without cash cards or enough...

...automatically mailed out. To use city centre roads, cars pay SDollars 1
to SDollars 2, **depending** on the **time** of day. Trucks and motorcycles are
charged lower rates. Flexibility is one of the hallmarks...

27/3,K/22 (Item 1 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
(c) 2005 The Gale Group. All rts. reserv.

03903907 Supplier Number: 50089197 (USE FORMAT 7 FOR FULLTEXT)

-WIND RIVER: Wind River acquires new automotive RT kernel technology

M2 Presswire, pN/A

June 18, 1998

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 719

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

...applications. This strategic investment gives Wind River the world-wide
rights to 3Soft's real- **time** kernel technology, **based** on the OSEK

standard. This standard was defined by the major European automotive manufacturers to...

...name OSEK is derived from the German phrase for "Open System and Interface for in- **Car Electronics**". The standard is currently being proposed as a required standard for automotive applications by the...

27/3,K/23 (Item 2 from file: 636)

DIALOG(R)File 636:Gale Group Newsletter DB(TM)

(c) 2005 The Gale Group. All rts. reserv.

01071609 Supplier Number: 40662520 (USE FORMAT 7 FOR FULLTEXT)

Expert System Embedded In A Programmable Controller

Factory Automation News, v2, n2, pN/A

Feb, 1989

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 344

... Department (Dallas, TX) announced that TI and Calgon Corp. have developed an on-line, real- **time** artificial intelligence- **based** expert system for assisting industrial plants in treating recirculating cooling water. Texas Instruments, headquartered in Dallas, manufactures automation control systems for th **automobile**, aerospace, **electronics** and other manufacturing industries and for the chemicals, food, pharmaceuticals and other processing industries. TI...

27/3,K/24 (Item 1 from file: 13)

DIALOG(R)File 13:BAMP

(c) 2005 The Gale Group. All rts. reserv.

1134677 Supplier Number: 02118946 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Apparatus: the Shops: Emergency Vehicles and Y2K

(Firefighting and other emergency vehicle computers are not date-dependent and should not be affected by any type of Year-2000 programming problems; article includes responses of vehicle manufacturers regarding their Y2K compliance)

Article Author(s): Eckert, Terry

Fire Engineering, v 152, n 8, p 36-40

August 1999

DOCUMENT TYPE: Journal ISSN: 0015-2587 (United States)

LANGUAGE: English RECORD TYPE: Fulltext; Abstract

WORD COUNT: 1246

(USE FORMAT 7 OR 9 FOR FULLTEXT)

ABSTRACT:

...the operational safety or performance of its vehicles. American LaFrance is preparing by installing onboard **electronics** on its Freightliner **vehicles** that are not date/ **time - dependent**. General Motors studied the microprocessors in its current and past models and found that most...
...Fire Apparatus Manufacturers Association said that major driveline and component makers do not show any **time - or calendar- based** problems in current microprocessor-based components. ...

TEXT:

...that systems incorporated in Freightliner vehicles are ready for this occurrence. The majority of onboard **electronics** installed on Freightliner

Ginger Roberts DeMille

vehicles are not date/ **time - dependent** . The following optional onboard electronic products offered by Freightliner contain such (date/ **time - dependent**) features:

* "Detroit Diesel's DDEC IV engine controller. Freightliner has been assured by Detroit Diesel...
?

? t8/3,k/all

8/3,K/1 (Item 1 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2005 ProQuest Info&Learning. All rts. reserv.

02500004 116359283

The role of purchasing/transportation in cycle time reduction

Ng, Billy; Ferrin, Bruce G.; Pearson, John N.

International Journal of Operations & Production Management v17n6 PP: 574
1997

ISSN: 0144-3577 JRNL CODE: IJO

WORD COUNT: 7227

...TEXT: of a comprehensive, systematic examination of the total cycle time concept is new.

Total cycle **time** and **time - based** competition

Through the ages, time management has played an important role in planning and controlling...

...variable.

George Stalk Jr and his colleagues at Boston Consulting Group originated the concept of **time - based** competition (Stalk, 1983). Abegglen and Stalk (1985) concluded that **time - based** competition (TBC) is the just-in-time (JIT) philosophy extended throughout the entire value delivery...

...and predates, the findings of Giffi and Roth. TCT management is a philosophy and strategy **based** on **time**, not cost, productivity, or quality. However, this dramatic strategic shift from traditional costing approaches to...cost, not on productivity per se, and not even on quality; it will be on **time** ... **Time - based** management is a paradigm shift or fundamental attitude change that translates into a style of...

...process, cycle time was cut by 20 days and inventory was reduced by \$2 million.

Time - based restructuring of the manufacturing process has been advocated by both Hall (1989) and Schonberger (1986...

...is a mind-set problem: what is needed is management attitudes driven by total cycle **time** reduction **based** on elimination of barriers to business process performance. Thomas states that such an approach should...

...to increased responsiveness, acceleration of results and resource minimization. According to Neve and Crossland (1988) **time - based** restructuring can quickly provide significant total cycle time reductions and productivity increases. Vinocur (1994) reports that **time - based** competition results in decreased cycle time for production of both standard products and special orders...

...quality and increased variety and flexibility.

New product speed to market is another form of **time - based** competition (Casta, 1990; Stewart, 1989). Mills (1990) states that in today's competitive world, product...that quick response to the consumer has become the watchword of a new era of **time - based** competition in the retail industry. Quick response is based on reducing development, production,

order processing...computerized bill of lading (BOL) systems in bulk trucking. A computerized BOL system could automatically **assign** specific **vehicles** to specific locations, and adjust these assignments to accommodate fluctuations (peak versus off-peak) in...They conclude that the more recent operations research location models incorporate more realistic objective functions (**based** on **travel time** , **distance** and cost) than earlier models. Bradley (1988) reviews intermodal advantages to shippers: cost effectiveness, rapid...specs?", Purchasing, 28 January, pp. 104-9.

73. Stalk, G. (1983, "Rules of response", Perspectives: **Time Based** Competition Series, Boston Consulting Group, Boston, MA.

74. Stewart, R.D. (1989, "Speed kills the...

8/3,K/2 (Item 2 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

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01297602 99-46998

Are you getting first-class treatment?

Brown, Ann L

Black Enterprise v27n3 PP: 137-138 Oct 1996

ISSN: 0006-4165 JRNL CODE: BEN

WORD COUNT: 973

...TEXT: So I asked if this was standard policy." He was told that food service was **dependent** on the **time** of day and **length** of the **flight** . But he reminded the airline that the ticket price was the same as a flight ...

...attendant. If you frequently come across discrimination with the same companies, whether airlines, hotels or **car rental** agencies, file an action with a consumer advocacy agency. These agencies include the Better Business...

8/3,K/3 (Item 3 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

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00887026 95-36418

When the drive to work lasts all day: Taxidrivrs and chauffeurs

Moskowitz, Rachel

Occupational Outlook Quarterly v37n2 PP: 32-35 Summer 1993

ISSN: 9199-4786 JRNL CODE: OOO

WORD COUNT: 2184

...ABSTRACT: Lease drivers pay a monthly or weekly fee to the company that allows them to **lease** their **vehicle** and have access to the company dispatch system. People interested in driving a limousine or...

...TEXT: which is a flat fee for using the cab. Another part of the fare is **based** on the **length** of the **trip** or the amount of time it took. In many cabs a taximeter measures this; the...

...Drivers enter onto the trip sheet all information regarding the trip, such as place and **time** of pickup, **length** of trip, place and time of drop-off, and total fare. They also fill out...

...Lease drivers pay a monthly or weekly fee to the company that allows them to **lease** their **vehicle** and have access to the company dispatch

system. The fee may also include a charge for **vehicle** maintenance and a deposit. **Lease** drivers may take their **cars** home with them when they are not on duty.

The earnings of taxidrivrs and chauffeurs...

8/3,K/4 (Item 1 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2005 The Gale Group. All rts. reserv.

09033163 SUPPLIER NUMBER: 18727240 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Are you getting first-class treatment? How to get better service and value when you're on the go. (B.E. Consumer's Workbook, part 2)

Brown, Ann L.

Black Enterprise, v27, n3, p137(2)

Oct, 1996

ISSN: 0006-4165

LANGUAGE: English

RECORD TYPE: Fulltext; Abstract

WORD COUNT: 999

LINE COUNT: 00079

... So I asked if this was standard policy." He was told that food service was **dependent** on the **time** of day and **length** of the **flight**. But he reminded the airline that the ticket price was the same as a flight ...

...attendant.

* If you frequently come across discrimination with the same companies, whether airlines, hotels or **car rental** agencies, file an action with a consumer advocacy agency. These agencies include the Better ...

8/3,K/5 (Item 2 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB
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06509811 SUPPLIER NUMBER: 14398495 (USE FORMAT 7 OR 9 FOR FULL TEXT)
When the drive to work lasts all day: taxidrivrs and chauffeurs.

Moskowitz, Rachel

Occupational Outlook Quarterly, v37, n2, p32(4)

Summer, 1993

ISSN: 0199-4786

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 2297

LINE COUNT: 00182

... which is a flat fee for using the cab. Another part of the fare is **based** on the **length** of the **trip** or the amount of time it took. In many cabs a taximeter measures this; the...

...Drivers enter onto the trip sheet all information regarding the trip, such as place and **time** of pickup, **length** of trip, place and time of dropoff, and total fare. They also fill out accident...

...Lease drivers pay a monthly or weekly fee to the company that allows them to **lease** their **vehicle** and have access to the company dispatch system. The fee may also include a charge for **vehicle** maintenance and a deposit. **Lease** drivers may take their **cars** home with them when they are not on duty.

The earnings of taxidrivrs and chauffeurs...

8/3,K/6 (Item 3 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2005 The Gale Group. All rts. reserv.

06214046 SUPPLIER NUMBER: 13617637 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Reducing transportation fuel consumption: how far should we go?

Myers, Phillip S.

Automotive Engineering, v100, n9, p89(7)

Sept, 1992

ISSN: 0098-2571

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 5327

LINE COUNT: 00452

... the factors influencing these two broad approaches are interrelated. For example, increasing the price of **transportation** fuel will encourage ride **sharing** which will decrease both passenger energy intensity and vehicle miles driven.

Constraints

The first constraint...large car. If fuel and other related costs increase, it may become more economical to **rent** a large **car** for the occasional times a large car is needed.

For comparison, the European fleet, faced...

...Application of IVHS, particularly to High Occupancy Vehicles (HOV) lanes, could not only improve average **vehicle** speed but also encourage ride **sharing** and thus improve passenger energy intensity.

At the present CAFE level, average vehicle energy intensity 67 during a 100- **mile** trip. An earlier study **estimated** a **time** -lost/fuel-saved cost equivalent of \$6.70 per gallon for 55 mph for automobiles...

8/3,K/7 (Item 1 from file: 9)

DIALOG(R)File 9:Business & Industry(R)

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1422618 Supplier Number: 01422618 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Lowering the Gold Standard

(Circulation of "gold" credit cards increasing as annual fees lessen; issuers releasing ultra-high end cards)

Credit Card Management, v 8, n 12, p 66+

March 1996

DOCUMENT TYPE: Journal ISSN: 0896-9329 (United States)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 2078

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...on 7.1 million standard and gold card accounts to arrest massive attrition. At the **time**, analysts **estimated** Citicorp was saying goodbye to \$160 million in yearly revenue.

Now the move to free...about getting their money in different ways."

Meanwhile, more gold card issuers are adding fee- **based** enhancements. Star Banc's \$50 Star **Miles travel** program, for instance, lets cardholders earn free airline tickets. "Fee strategies or other fees charged...events)

Checks on Call

Best Value Guarantee Service

Buyer's Assurance Plan

Purchase Protection Plan

Car Rental and Damage Insurance

\$100,000 Travel Accident Insurance

Global Assistance Hotline

Worldwide Travel Service Network...

8/3,K/8 (Item 1 from file: 20)

DIALOG(R)File 20:Dialog Global Reporter

(c) 2005 The Dialog Corp. All rts. reserv.

08685923 (USE FORMAT 7 OR 9 FOR FULLTEXT)

A breathtaking journey through the land of coconut trees

JAKARTA POST, p4

December 12, 1999

JOURNAL CODE: FJKP LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 1070

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... is much better to leave for Manado early in the morning. The Manado- Gorontalo overland trip itself takes eight hours or more. The length of the trip also depends on how long and how often you pause during the journey. Despite some bad road segments, this long...

The best way to enjoy the wonderful scenery along this Trans-Sulawesi highway is by renting a good air-conditioned car plus a skillful driver. The price of renting a Kijang car for the Manado-Gorontalo trip is normally Rp 350,000 one-way. However, if you need the car in a hurry, the rental can cost up to Rp 500,000 (the driver's lunch and uang rokok are not included in this price). You can also rent a Kijang car together with other passengers leaving for Manado for approximately Rp 35,000 per person. In...

... you cannot stop the car whenever you want to without dealing with other passengers. By renting a private car you can conveniently ask the driver to stop at any spot you like.

My German...

8/3,K/9 (Item 1 from file: 634)

DIALOG(R)File 634:San Jose Mercury

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06652001

PLAN YOUR VACATION FROM YOUR KEYBOARD

San Jose Mercury News (SJ) - Sunday, May 31, 1992

By: NOAH MATTHEWS, Knight-Ridder News Service

Edition: Morning Final Section: Computing Page: 2F

Word Count: 547

TEXT:

...Planner will give you a printout of the route you should take along with

Ginger Roberts DeMille

an **estimated travel time** and **miles** traveled. About all you won't get is help when you're lost. And if...

...reservations. TravelWare lets you schedule before, during and after your trip -- and note flight numbers, **car rental** details, hotel reservations and confirmation numbers. You also can track expenses or delete the trip...
?

? t22/3,k/all

22/3,K/1 (Item 1 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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06217099 Supplier Number: 54198430 (USE FORMAT 7 FOR FULLTEXT)
UC Riverside Students and Faculty 'Plug In' to 21st Century Transportation Concept.
PR Newswire, p1446
March 24, 1999
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 466

... port locations: University Village, the College of Engineering and CE-CERT. After entering information about **estimated trip time** and **distance** at the kiosk located at each port, the system **assigns** a **vehicle** to the IntelliShare user. The smart card also unlocks the car and turns it on...

22/3,K/2 (Item 2 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2005 The Gale Group. All rts. reserv.

01913708 Supplier Number: 42438137 (USE FORMAT 7 FOR FULLTEXT)
Car Rentals
Business Travel News, ps16
Oct 14, 1991
Language: English Record Type: Fulltext
Document Type: Tabloid; Trade
Word Count: 645

... Point Directions in 40 cities in the U.S.; it claims to be the first **car rental** company to offer customized computer mapping directions to virtually any metropolitan-area address, including office...

...they're coming from, and the computer responds with narrative, step-by-step directions, with **mileage** and **estimated travel time** added for good measure. And it can do so in five languages--English, Spanish, French...

22/3,K/3 (Item 1 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2005 The Gale Group. All rts. reserv.

07884005 SUPPLIER NUMBER: 16927129 (USE FORMAT 7 OR 9 FOR FULL TEXT)
MAKE SURE THE PRICE IS RIGHT WHEN CALCULATING THE COST OF A MOVE; MOVING MADE EASY WITH PLANNING TIPS FROM HERTZ PENSKE TRUCK RENTAL
PR Newswire, p523PHFNS1
May 23, 1995
LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 703 LINE COUNT: 00058

... understand how much time you are being given to make your trip, and extend the **length** of **time** on your rental agreement at the time of pick up if you expect your move...

22/3,K/4 (Item 1 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2005 The Gale Group. All rts. reserv.

01718153 SUPPLIER NUMBER: 16373213

On the road again. (Rand McNally New Media's TripMaker trip-planning software) (Software Review) (Evaluation)

Rich, Susan

Windows Magazine, v5, n12, p214(1)

Dec, 1994

DOCUMENT TYPE: Evaluation

ISSN: 1060-1066

LANGUAGE: ENGLISH

RECORD TYPE: ABSTRACT

...ABSTRACT: and towns. The user enters a routing preference and clicks the Calculate button to obtain **mileage** and **estimated time** for the **trip**, display the route from a large map database and list directions. Clicking Calculate again allows...

...as well as state and provincial regulations; toll-free numbers for airlines, hotel chains and **car rental** agencies; and a Trip Costs option for estimating a travel budget. The map printout shows...

22/3,K/5 (Item 2 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)
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01473223 SUPPLIER NUMBER: 12336499

Plan your vacation from your keyboard. (Software Review) (brief evaluations of four shareware packages) (Evaluation)

Matthews, Noah

San Jose Mercury News, p2F(1)

May 31, 1992

DOCUMENT TYPE: Evaluation

ISSN: 0747-2099

LANGUAGE: ENGLISH

RECORD TYPE: ABSTRACT

...ABSTRACT: most direct or most scenic route; it then prints the route to take along with **estimated travel time** and **miles** traveled. Facts Online's **Travel** Points of Interest contains a database of places to visit and comes with approximately 1...

...30 TravelWare lets users schedule events before, during and after a trip; note flight numbers, **car rental** details, hotel reservations and confirmation numbers; and track expenses.

?